

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

EP 1 074 617 A2

- F-HEMBA1001071//Alpha-1 type 3 collagen//3.5e-32:181:96//Hs.119571:X14420
- 5 F-HEMBA1001077//ESTs, Moderately similar to transcription intermediary factor 1 [H.sapiens]//1.1e-98:487:97//Hs.147802:R71297
- 10 F-HEMBA1001080//Human N-type calcium channel alpha-1 subunit mRNA, complete cds//0.013:385:58//Hs.69949:M94172
- F-HEMBA1001085//Human hSIAH2 mRNA, complete cds//0.55:338:59//Hs.20191:U76248
- 15 F-HEMBA1001088//Human PINCH protein mRNA, complete cds//7.3e-73:303:78//Hs.83987:U09284
- 20 F-HEMBA1001094//Interleukin 8//0.092:530:58//Hs.624:M17017
- F-HEMBA1001099
- 25 F-HEMBA1001109//Homo sapiens tapasin (NGS-17) mRNA, complete cds//2.4-61:341:85//Hs.5247:AF029750
- F-HEMBA1001121//EST//7.3e-13:265:64//Hs.142423:AA412497
- 30 F-HEMBA1001122//Homo sapiens mRNA for KIAA0471 protein, complete cds//0.066:649:56//Hs.5347:AB007940
- 35 F-HEMBA1001123//Homo sapiens mRNA for KIAA0448 protein, complete cds//1.5e-10:231:68//Hs.27349:AB007917
- F-HEMBA1001133//EST//0.50:222:63//Hs.131018:AI015747
- 40 F-HEMBA1001137//Homo sapiens mRNA for KIAA0798 protein, complete cds//2.2e-73:527:77//Hs.159277:AB018341
- 45 F-HEMBA1001140//Homo sapiens mRNA for KIAA0682 protein, complete cds//0.020:141:65//Hs.7482:AB014582
- F-HEMBA1001172//EST//0.77:158:60//Hs.158894:AI378457
- 50 F-HEMBA1041174//ESTs//1.4e-63:363:92//Hs.132798:AA922226
- 55 F-HEMBA1001197//ESTs, Weakly similar to Rap2 interacting protein 8 [M.musculus]//5.0e-54:555:71//Hs.55165:AA573499
- F-HEMBA1001208//EST//6.2e-26:213:77//Hs.146964:AI183463

EP 1 074 617 A2

P-HEMBA1001213//Human mRNA for KIAA0013 gene, complete cds//0.026:569:57//Hs.48824:D87717

5 F-HEMBA1001226//ESTs/1.9e-11:407:65//Hs.157977:AI369694

F-HEMBA1001235//ESTs//0.0042:161:63//Hs.155170:AA167748

10 F-HEMBA1001247//ESTs//1.2e-91:429:99//Hs.143304:AI084058

F-HEMBA1001257//Human zinc finger protein (MAZ) mRNA//0.017:330:62//Hs.7647:M94046

15 F-HEMBA1001265

F-HEMBA1001281

20 F-HEMBA1001286//Natriuretic peptide precursor B//0.76:163:63//Hs.937:AL021155

F-HEMBA1001289//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-69G12//5.1e-30:530:64//Hs.154050:AC004131

25 F-HEMBA1001294//Homo sapiens mRNA for matrilin-3//0.00023:657:56//Hs.119534:AJ224741

30 F-HEMBA1001299//Small inducible cytokine A5 (RANTES)//2.2e-27:271:77//Hs.155464:AF088219

35 F-HEMBA1001302//ESTs, Moderately similar to Cab45a [M.musculus]//3.3e-53:272:97//Hs.154563:AI129590

40 F-HEMBA1001303//ESTs, Weakly similar to RNA splicing-related protein [R.norvegicus]//2.6e-66:241:99//Hs.120847:AA731201

F-HEMBA1001310//ESTs//2.0e-21:133:93//Hs.159116:W55873

45 F-HEMBA1001319//Homo sapiens mRNA for KIAA0758 protein, partial cds//0.23:562:58//Hs.22039:AB018301

50 F-HEMBA1001323//Wingless-type MMTV integration site 5A, human homolog//2.5e-31:165:99//Hs.152213:L20861

55 F-HEMBA1001326//ESTs, Highly similar to HYPOTHETICAL 55.1 KD PROTEIN IN FAB1-PES4 INTERGENIC REGION [Saccharomyces cerevisiae]//8.9e-08:185:68//Hs.108734:AI073427

F-HEMBA1001327//ESTs//0.085:337:60//Hs.114157:AA703013

EP 1 074 617 A2

F-HEMBA1001330//EST//0.0018:225:63//Hs.127987:AA970569

5 F-HEMBA1001351//Homo sapiens VAMP-associated protein of 33 kDa (VAP-33) mRNA,
complete cds//3.6e-105:516:97//Hs.9006:AF057358

F-HEMBA1001361//ESTs//1.2e-62:317:97//Hs.6639:R39794

10 F-HEMBA1001375//ESTs//0.93:180:60//Hs.148425 :AI198074

F-HEMBA1001377//ESTs//9.2e-87:414:99//Hs.48469:N62156

15 F-HEMBA1001383//ESTs//0.0023:336:60//Hs.140622:AA844353

F-HEMBA1001387//ESTs, Highly similar to RAS-LIKE PROTEIN TC10 [Homo sapiens]//1.0e-
20 132:643:97//Hs.124217:AA020848

F-HEMBA1001388

25 F-HEMBA1001391//ESTs//5.6e-32:191:93//Hs.71628:N41660

F-HEMBA1001398

30 F-HEMBA1001405//EST//1.0:135:63//Hs.146833:AI151117

F-HEMBA1001407//ESTs//10.53:390:57//Hs.150447:AI017798

35 F-HEMBA1001411//EST//8.8e-06:270:62//Hs.145386:AI253108

F-HEMBA1001413

40 F-HEMBA1001415//EST//1.3e-12:176:75//Hs.133172:AI051605

F-HEMBA1001432//RING3 PROTEIN//0.57:345:59//Hs.75243:D42040

45 F-HEMBA1001433//ESTs//1.3e-21:333:69//Hs.131648:AI025726

F-HEMBA1001435//Cytochrome P450, subfamily I (aromatic compound-inducible),
polypeptide 2//1.2e-74:469:80//Hs.1361:M55053

50 F-HEMBA1001442//EST//0.29:181:64//Hs.116883:AA663031

F-HEMBA1001446//ESTs, Weakly similar to Rap2 interacting protein 8 [M.musculus]//6.8e-47:
55 550:71//Hs.55165:AA573499

F-HEMBA1001450//Homo sapiens GTPase-activating protein (SIPA1) mRNA, complete
cds//0.82:312:58//Hs.7019:AB005666

EP 1 074 617 A2

F-HEMBA1001454//ESTs//1.2e-46:297:80//Hs.152395:AA533107

5 F-HEMBA1001455//ESTs//7.3e-103:502:97//Hs.112860:AA442412

F-HEMBA1001463//Human mRNA for KIAA0392 gene, partial cds//8.7e-51:323:88//Hs.40100:AB002390

10 F-HEMBA1001476//Homo sapiens mRNA for KIAA0572 protein, partial cds//6.2e-104:489:99//Hs.14409:AB011144

15 F-HEMBA1001478//EST//0.013:205:61//Hs.157309:AI365451

F-HEMBA1001497//Small inducible cytokine A5 (RANTES)//5.9e-45:307:84//Hs.155464:AF088219

20 F-HEMBA1001510//H.sapiens mRNA for G13 protein//2.1e-71:405:92//Hs.42853:X98054

F-HEMBA1001515//Human Line-1 repeat mRNA with 2 open reading frames//4.5e-105:773:82//Hs.23094:M19503

25 F-HEMBA1001517//EST//3.6e-09:271:65//Hs.162347:AA564902

30 F-HEMBA1001522//ESTs//4.3e-13:85:95//Hs.126707:AI376869

F-HEMBA1001526

35 F-HEMBA1001533//EST//1.0:75:73//Hs.145360:AI252476

F-HEMBA1001557//EST//3.5e-13:261:64//Hs.161496:N66580

40 F-HEMBA1001566//EST//3.7e-07:354:64//Hs.43830:N26652

F-HEMBA1001569//Homo sapiens mRNA for vesicle associated membrane protein 2 (VAMP2)//8.0e-68:338:97//Hs.91589:M36205

45 F-HEMBA1001570//ESTs//1.5e-47:369:82//Hs.107657:AA126814

F-HEMBA1001579//Homo sapiens mRNA for NS1-binding protein (NS1-BP)//7.0e-175:678:99//Hs.159597:AJ012449

50 F-HEMBA1001581//ESTs//4.4e-07:237:67//Hs.152304:AA605184

55 F-HEMBA1001585//ESTs//1.1e-11:81:100//Hs.16364:AI357228

F-HEMBA1001589//Human mRNA for KIAA0166 gene, complete cds//0.82:210:

EP 1 074 617 A2

64//Hs.115778:D79988

5 F-HEMBA1001595//Human mRNA for KIAA0128 gene, partial cds//2.6e-110:855:78//Hs.90998:D50918

F-HEMBA1001608//EST//1.0:201:60//Hs.136747:AA749210

10 F-HEMBA1001620//ESTs//1.5e-39:211:98//Hs.131063:AI016400

F-HEMBA1001635//ESTs//4.0e-33:168:100//Hs.122655:AI361870

15 F-HEMBA1001636//ESTs, Moderately similar to !!!! ALU SUBFAMILY SP WARNING ENTRY !!!! [H.sapiens]//0.038:198:64//Hs.34579:AI338536

20 F-HEMBA1001640//ESTs//1.1e-24:315:71//Hs.34114:AA776899

F-HEMBA1001647//Human plectin (PLEC1) mRNA, complete cds//0.00049:629:61//Hs.79706:U53204

25 F-HEMBA1001651//EST//3.6e-07:285:63//Hs.132558:AA948560

F-HEMBA1001655//ESTs//1.4e-95:497:96//Hs.59563:AA203283

30 F-HEMBA1001658//EST//0.18:251:59//Hs.117724:H47121

F-HEMBA1001661

35 F-HEMBA1001672//Homo sapiens methyl-CpG binding protein MBD3 (MBD3) mRNA, complete cds//7.9e-146:669:99//Hs.107254:AC005943

40 F-HEMBA1001675//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0484//2.0e-57:447:79//Hs.158095:AB007953

F-HEMBA1001678//ESTs//4.0e-50:360:83//Hs.146811:AA410788

45 F-HEMBA1001681//EST//1.0:165:58//Hs.136790:AA776060

F-HEMBA1001702//EST//0.015:312:61//Hs.162839:AA648760

50 F-HEMBA1001709//EST//0.85:131:65//Hs.131451:AI023995

F-HEMBA1001711//ESTs//0.084:425:56//Hs.125346:AI302836

55 F-HEMBA1001712//EST//0.26:214:59//Hs.159088:AI383114

F-HEMBA1001714//ESTs, Highly similar to ATPASE INHIBITOR, MITOCHONDRIAL

EP 1 074 617 A2

PRECURSOR [Rattus norvegicus]//3.0e-30:195:92//Hs.132948:AA194452

F-HEMBA1001718//EST//0.0044:275:60//Hs.125969:AA889554

5

F-HEMBA1001723//INTERLEUKIN ENHANCER-BINDING FACTOR//0.24:501:57//Hs.101524:
U58197

10

F-HEMBA1001731//EST//1.2e-06:261:63//Hs.132331:AI028363

F-HEMBA1001734//ESTs//0.018:177:63//Hs.129631:AI000415

15

F-HEMBA1001744//EST//8.7e-77 :420:92//Hs.133226:AI052250

F-HEMBA1001745//Homo sapiens mRNA for TSC403 protein, complete cds//0.37:300:
62//Hs.10887:AB013924

20

F-HEMBA1001746//ESTs//0.31:168:66//Hs.27237:N68328

F-HEMBA1001761//ESTs, Weakly similar to ZINC FINGER PROTEIN 91 [H.sapiens]//0.76:
218:60//Hs.135553:N41598

25

F-HEMBA1001781//Homo sapiens chromosome 19, cosmid R30953//0.98:219:
60//Hs.98776:AC005622

30

F-HEMBA1001784//Homo sapiens mRNA for KJAA0474 protein, complete cds//6.4e-09:265:
67//Hs.158232:AB007943

35

F-HEMBA1001791

F-HEMBA1001800//EST//3.1e-41:331:81//Hs.127142:AA937570

40

F-HEMBA1001803//EST//0.0062:269:59//Hs.49075:N64817

F-HEMBA1001804//Human POU domain protein (Brn-3b) mRNA, complete cds//1.8e-07:439:
59//Hs.266:U06233

45

F-HEMBA1001808//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0500//2.-
5e-175:809:98//Hs.118164:AB007969

50

F-HEMBA1001809//ESTs//6.0e-101:497:97//Hs.155127:AA625305

F-HEMBA1001815

55

F-HEMBA1001819//Human kruppel-related zinc finger protein (ZNF184) mRNA, partial
cds//4.9e-80:842:70//Hs.158174:U66561

EP 1 074 617 A2

F-HEMBA1001820//EST//0.057:214:62//Hs.148715:A1223845

5 F-HEMBA1001822//Homo sapiens intersectin short form mRNA, complete cds//6.7e-42:510:65//Hs.66392:AF064244

10 F-HEMBA1001824//Homo sapiens OPA-containing protein mRNA, complete cds//5.2e-13:253:68//Hs.85313:AF071309

F-HEMBA1001835//Human mRNA for KIAA0235 gene, partial cds//0.96:288:60//Hs.6151:D87078

15 F-HEMBA1001844//ESTs//1.1e-29:197:80//Hs.155243:N70293

20 F-HEMBA1001847//Human mRNA for KIAA0326 gene, partial cds//2.0e-23:379:68//Hs.6833:AB002324

F-HEMBA1001861//Homo sapiens mRNA for KIAA0617 protein, complete cds//2.8e-185:865:98//Hs.78946:AB014517

25 F-HEMBA1001864//EST//0.27:145:63//Hs.162585:AA593121

30 F-HEMBA1001866//ESTs. Weakly similar to UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE PRECURSOR [D.melanogaster]//3.2e-39:293:84//Hs.152332:AI141922

35 F-HEMBA1001869//ESTs, Weakly similar to ASH1 [D.melanogaster]//8.1e-70:367:95//Hs.15423:T84036

F-HEMBA1001888//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0484//5.4e-86:835:76//Hs.158095:AB007953

40 F-HEMBA1001896

45 F-HEMBA1001910//Human calpain-like protease (htra-3) mRNA, complete cds//0.43:114:71//Hs.6133:U94346

F-HEMBA1001912//ESTs//4.1e-79:398:97//Hs.26660:AI312633

50 F-HEMBA1001913//Homo sapiens TNF-alpha stimulated ABC protein (ABC50) mRNA, complete cds//0.00031:200:62//Hs.9573:AF027302

F-HEMBA1001915//EST//0.082:128:64//Hs.126542:AA916511

55 F-HEMBA1001918//Homo sapiens SEC63 (SEC63) mRNA, complete cds//0.46:374:59//Hs.31575:AF100141

EP 1 074 617 A2

F-HEMBA1001921//Homo sapiens germinal center kinase related protein kinase mRNA, complete cds//6.7e-186:855:99//Hs.154934:AF000145

5 F-HEMBA1001939//ESTs//4.9e-34:342:77//Hs.132711:AI377295

F-HEMBA1001940//ESTs//8.6e-15:149:81//Hs.141129:R86221

10 F-HEMBA1001942//ESTs//0.0014:271:62//Hs.124514:AI219882

F-HEMBA1001945//EST//0.98:142:64//Hs.161540:N85943

15 F-HEMBA1001950//ESTs//0.99:188:64//Hs.28639:R78360

F-HEMBA1001960//Homo sapiens methyl-CpG binding protein MBD2 (MBD2) mRNA, complete cds//0.30:85:69//Hs.25674:AF072242

20 F-HEMBA1001962//ESTs//0.0012:289:59//Hs.125492:AA938930

F-HEMBA1001964//EST//0.73:153:64//Hs.112161:AA477708

25

F-HEMBA1001967//Human DNA sequence from clone 341E18 on chromosome 6p11.2-12.3. Contains a Serine/Threonine Protein Kinase gene (presumptive isolog of a Rat gene) and a novel alternatively spliced gene. Contains a putative CpG island, ESTs and GSSs//4.6e-156:720:99//Hs.11050:AL031178

30

F-HEMBA1001979//ESTs//0.86:184:67//Hs.77208:AA044732

35 F-HEMBA1001987//ESTs, Moderately similar to hTAFII68 [H.sapiens]//2.8e-29:151:100//Hs.124106:AA948100

F-HEMBA1001991//Homo sapiens clone 24540 mRNA sequence//0.049:121:70//Hs.153529:AF070581

40

F-HEMBA1002003//Keratin 10 (epidermolytic hyperkeratosis; keratosis palmaris et plantaris) //9.8e-09:294:63//Hs.99936:X14487

45

F-HEMBA1002008//ESTs//0.12:299:59//Hs.132803 :W63582

F-HEMBA1002018//PROTEIN-TYROSINE PHOSPHATASE ZETA PRECURSOR//0.98:212:64//Hs.78867:M93426

50

F-HEMBA1002022//Human p37NB mRNA, complete cds//0.00044:58:96//Hs.155545:U32907

55

F-HEMBA1002035//EST//6.4e-07:145:68//Hs.135336:AI049827

F-HEMBA1002039//EST//0.99:79:67//Hs.98451:AA426057

EP 1 074 617 A2

F-HEMBA1002049//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!!
[H.sapiens]/4.5e-26:223:81//Hs.105292:AA504776

5

F-HEMBA1002084

F-HEMBA1002092

10

F-HEMBA1002100//Homo sapiens zinc finger homeodomain protein (ATBF1-A) mRNA,
complete cds//5.6e-21:124:96//Hs.101842:L32832

15

F-HEMBA1002102//ESTs, Highly similar to ANKYRIN [Mus musculus]/5.9e-09:434:
62//Hs.135102:AI190276

F-HEMBA1002113//ESTs//0.049:255:63//Hs.106137:AI129973

20

F-HEMBA1002119

F-HEMBA1002125//H.sapiens ERF-2 mRNA//0.026:341:59//Hs.78909:U07802

25

F-HEMBA1002139//ESTs//0.082:309:60//Hs.36383:W52393

F-HEMBA1002144//Human mRNA for KIAA0227 gene, partial cds//5.6e-06:601:60//Hs.79170:
D86980

30

F-HEMBA1002150//Homo sapiens mRNA for KIAA0720 protein, partial cds//5.6e-06:353:
62//Hs.23741:AB018263

35

F-HEMBA1002151

F-HEMBA1002153//EST/10.014:328:60//Hs.149115:AI244695

40

F-HEMBA1002160//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0507//5.6e-
49:303:79//Hs.158241:AB007976

45

F-HEMBA1002161//Myosin, heavy polypeptide 7, cardiac muscle, beta//1.2e-40:616:
67//Hs.929:M57965

F-HEMBA1002162//Homo sapiens mRNA for XPR2 protein//3.4e-48:749:67//Hs.44766:
AJ007590

50

F-HEMBA1002166//Small inducible cytokine A5 (RANTES)//2.1e-60:485:79//Hs.155464:
AF088219

55

F-HEMBA1002177//Homo sapiens yotiao mRNA, complete cds//2.4e-19:151:86//Hs.114808:
AF026245

EP 1 074 617 A2

- F-HEMBA1002185//EST//0.00011:233:65//Hs.125552:AA884141
- 5 F-HEMBA1002189//EST//5.1 e-24:193:81//Hs.163161:AA778363
- F-HEMBA1002191//Homo sapiens mRNA for KIAA0689 protein, partial cds//0.27:382:59//Hs.21992:AB014589
- 10 F-HEMBA1002199//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0501//1.2e-14:199:72//Hs.159897:AB007970
- 15 F-HEMBA1002204//ESTs//0.46:312:59//Hs.61210:AA024696
- F-HEMBA1002212//ESTs//1.0:191:63//Hs.149752:AI285767
- 20 F-HEMBA1002215//ESTs, Highly similar to TESTIN 2 PRECURSOR [Mus musculus]//1.6e-47:251:96//Hs.59906:AA001281
- F-HEMBA1002226//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0488//2.4e-57:375:71//Hs.67619:AB007957
- 25 F-HEMBA1002229//Homo sapiens KIAA0395 mRNA, partial cds//7.9e-47:377:80//Hs.43681:AL022394
- 30 F-HEMBA1002237//EST//0.044:1 37:66//Hs.144448:AA812455
- F-HEMBA1002241
- 35 F-HEMBA1002253//EST//2.2e-41:219:96//Hs.137065:AA888887
- F-HEMBA1002257//Homo sapiens diacylglycerol kinase iota (DGKi) mRNA, complete cds//1.1e-152:731:97//Hs.159564:AF061936
- 40 F-HEMBA1002265//ESTs//5.4e-11:337:65//Hs.112639:AI125420
- 45 F-HEMBA1002267//Homo sapiens GDP-L-fucose pyrophosphorylase (GFPP) mRNA, complete cds//1.0:395:60//Hs.150926:AF017445
- F-HEMBA1002270//ESTs//2.5e-87:504:89//Hs.124440:H95404
- 50 F-HEMBA1002321//Homo sapiens oxidized low-density lipoprotein receptor mRNA, complete cds//0.17:338:60//Hs.77729:AB010710
- 55 F-HEMBA1002328//ESTs//7.9e-103:480:99//Hs.123318:AI201982
- F-HEMBA1002337//Human mRNA for KIAA0118 gene, partial cds//0.93:220:61//Hs.154326:

EP 1 074 617 A2

D42087

5 F-HEMBA1002341//Homo sapiens mRNA for KIAA0771 protein, partial cds//7.8e-187:872:98//Hs.6162:AB018314

F-HEMBA10023481/EST//1.0e-19:285:70//Ms.121860:AA776692

10 F-HEMBA1002349//EST//0.011:385:59//Hs.148533:AI200996

F-HEMBA1002363//Homo sapiens chromosome-associated protein-E (hCAP-E) mRNA, complete cds//2.4e-189:872:99//Hs.119023:AF092563

15 F-HEMBA1002381//EST//7.9e-34:236:77//Hs.162197:AA535216

F-HEMBA1002389//ESTs//4.3e-59:342:92//Hs.133391:AA535144

20 F-HEMBA1002417//Homo sapiens chromosome 19, cosmid R28784//2.2e-159:775:97//Hs.25527:AC005954

25 F-HEMBA1002419//EST, Moderately similar to ROD CGMP-SPECIFIC 3',5'-CYCLIC PHOSPHODIESTERASE BETA-SUBUNIT [H.sapiens]//1.0:144:65//Hs.136096:W27141

30 F-HEMBA1002430//Human clone 23695 mRNA sequence//2.7e-06:563:59//Hs.90798:U79289

35 F-HEMBA1002439//EST, Weakly similar to LINE-1 REVERSE TRANSCRIPTASE HOMOLOG [H.sapiens]//0.11:111:67//Hs.162154:AA528561

F-HEMBA1002458//ESTs, Weakly similar to hypothetical protein B, 6.8K [H.sapiens]//1.3e-71:346:98//Hs.136121:W26490

40 F-HEMBA1002460//ESTs//2.1e-94:484:96//Hs.106441:R53160

45 F-HEMBA1002462//Homo sapiens N-methyl-D-aspartate receptor 2D subunit precursor (NMDAR2D) mRNA, complete cds//0.00024:240:64//Hs.113286:U77783

F-HEMBA1002469//Human mRNA for KIAA0122 gene, partial cds//1.3e-109:603:92//Hs.154583:D50912

50 F-HEMBA1002475//RYANODINE RECEPTOR, SKELETAL MUSCLE//0.025:261:63//Hs.89631:U48508

55 F-HEMBA1002477//Homo sapiens mRNA for KIAA0561 protein, partial cds//2.8e-45:331:83//Hs.6189:AB011133

F-HEMBA1002486//EST//0.00039:174:67//Hs.96680:AA303235

EP 1 074 617 A2

F-HEMBA1002495

5 F-HEMBA1002498//ESTs//1.2e-91:460:97//Hs.118327:W79161

F-HEMBA1002503//H.sapiens mRNA for MACH-alpha-2 protein//4.8e-13:164:74//Hs.19949:
X98173

10

F-HEMBA1002508//Homo sapiens PYRIN (MEFV) mRNA, complete cds//6.1e-79:460:
83//Hs.113283:AF018080

15

F-HEMBA1002513//Homo sapiens mRNA for histone deacetylase-like protein (JM21)//9.Oe-
159:738:98//Hs.6764:AJ011972

F-HEMBA1002515//ESTs//3.6e-08:185:69//Hs.118701:AA420795

20

F-HEMBA1002538//ESTs//0.97:68:73//Hs.134672:AI087951

25

F-HEMBA1002542//Homo sapiens mRNA for chemokine LEC precursor, complete cds//6.1e-
46:238:87//Hs.10458:AF088219

F-HEMBA1002547//Homo sapiens agrin precursor mRNA, partial cds//1.1e-138:655:
98//Hs.68900:AF016903

30

F-HEMBA1002552//Human Hep27 protein mRNA, complete cds//2.8e-08:173:68//Hs.102137:
U31875

35

F-HEMBA1002555//Homo sapiens mRNA for APC 2 protein, complete cds//0.00020:603:
57//Hs.20912:AB012162

F-HEMBA1002558//ESTs//6.0e-25:262:77//Hs.136304:AA431205

40

F-HEMBA1002561//Humanclone 23574 mRNA sequence//4.7e-17:268:72//Hs.79385:
U90905

45

F-HEMBA1002569//Homo sapiens protein associated with Myc mRNA, complete cds//4.3e-
142:457:99//Hs.151411:AF075587

F-HEMBA1002583//Homo sapiens UKLF mRNA for ubiquitous Kruppel like factor, complete
cds//2.8e-30:156:100//Hs.32170:AB015132

50

F-HEMBA1002590//ESTs//1.0e-30:277:77//Hs.139158:AA226159

55

F-HEMBA1002592//ESTs//2.4e-20:233:75//Hs.159329:AI378363

F-HEMBA1002609//Homo sapiens mRNA for KIAA0597 protein, partial cds//1.4e-176:820:

EP 1 074 617 A2

99//Hs.20141:AB011169

F-HEMBA1002621//EST//0.99:208:60//Hs.159127:AI384013

5

F-HEMBA1002624//Homo sapiens mRNA for KIAA0808 protein, complete cds//9.2e-189:632:97//Hs.91338:AB018351

10

F-HEMBA1002628//Human mRNA for KIAA0336 gene, complete cds//0.079:231:65//Hs.125129:AB002334

15

F-HEMBA1002629//Human density enhanced phosphatase 1 mRNA, complete cds//1.3e-07:473:61//Hs.1177:U10886

F-HEMBA1002645//ESTs//2.6e-32:209:88//Hs.141323:N80390

20

F-HEMBA1002651

F-HEMBA1002659//Human vascular endothelial growth factor related protein VRP mRNA, complete cds//0.74:223:60//Hs.79141:U43142

25

F-HEMBA1002661//Human Line-1 repeat mRNA with 2 open reading frames//1.4e-122:781:85//Hs.23094:M19503

30

F-HEMBA1002666//ESTs//0.39:117:65//Hs.3794:T08497

F-HEMBA1002678//EST//0.0081:148:64//Hs.156768:AI351368

35

F-HEMBA1002679//Cyclic nucleotide gated channel (photoreceptor), cGMP gated 1 (alpha) //0.00096:418:61//Hs.1323:S42457

40

F-HEMBA1002688//Homo sapiens hyperpolarization-activated channel 1 (IH1) mRNA, partial cds//1.8e-11:541:601//Hs.124161:AF065164

45

F-HEMBA10026961//Homo sapiens DNA from chromosome 19, cosmid R29144//1.9e-06:345:61//Hs.155647:AC004221

F-HEMBA1002703//Homo sapiens mRNA for KIAA0455 protein, complete cds//6.0e-12:327:62//Hs.13245:AB007924

50

F-HEMBA1002712

F-HEMBA1002716//EST//1.2e-56:284:97//Hs.131329:AA922800

55

F-HEMBA1002728//Homo sapiens mRNA for KIAA0621 protein, partial cds//3.7e-127:614:97//Hs.132942:AB014521

EP 1 074 617 A2

F-HEMBA1002730//Homo sapiens microsomal glutathione S-transferase 3 (MGST3) mRNA, complete cds//0.21:157:66//Hs.111811 :AB007867

5 F-HEMBA1002742//EST//0.97:138:60//Hs.160545:71596

F-HEMBA1002746//Human HOX4C mRNA for a homeobox protein//0.72:347:58//Hs.74061: X59372

10

F-HEMBA1002748//ESTs, Weakly similar to C27H6.5 [C.elegans]//0.24:83:74//Hs.40806: AA018786

15 F-HEMBA1002750//ESTs//5.8e-37:185:76//Hs.140577:AA827817

F-HEMBA1002768//Homo sapiens mRNA for KIAA0554 protein, partial cds//2.9e-178:834: 98//Hs.74750:AB011126

20

F-HEMBA1002770//ESTs, Highly similar to TIP120 [R.norvegicus]//8.0e-98:492:96//Hs.11833: AI299947

25 F-HEMBA1002777//Homo sapiens prostate apoptosis response protein par-4 mRNA, complete cds//3.9e-05:528:59//Hs.128208:U63809

F-HEMBA1002779//ESTs//8.1e-134:662:96//Hs.107295:W80392

30

F-HEMBA1002780//ESTs//3.8e-41:421:74//Hs.141576:N90326

F-HEMBA1002794//Protein kinase C, mu//4.8e-06:244:67//Hs.2891:X75756

35

F-HEMBA1002801//ESTs//2.1e-24:182:87//Hs.124633:AA856938

F-HEMBA1002810//Homo sapiens formin binding protein 21 mRNA, complete cds//3.4e-169: 820:97//Hs.28307:AF071185

40

F-HEMBA1002816//ESTs//2.5e-91:387:94//Hs.8008:R52744

45 F-HEMBA1002818//Homo sapiens UPH1 (UPH1) mRNA, complete cds//7.0e-122:733: 89//Hs.6059:AF093119

F-HEMBA1002826//ESTs//0.00015:235:62//Hs.119383:M279904

50

F-HEMBA1002833

F-HEMBA1002850//EST//0.0014:201:65//Hs.156235:AA770550

55

F-HEMBA1002863//ESTs//1.2e-50:295:91//Hs.57980:W68823

EP 1 074 617 A2

F-HEMBA1002876//ESTs, Weakly similar to HYPOTHETICAL 26.4 KD PROTEIN EEED8.8 IN CHROMOSOME II [C.elegans]//4.9e-18:110:94//Hs.13322:AA151730

5 F-HEMBA1002886//EST//0.99:184:65//Hs.160684:AE79429

F-HEMBA1002896//ESTs//2.1e-11:72:100//Hs.149215:AI051679

10 F-HEMBA1002921

F-HEMBA1002924//EST//3.7e-05:291:64//Hs.134677:AI088001

15 F-HEMBA1002934//ESTs//2.3e-42:324:80//Hs.141658:N77915

F-HEMBA1002935//Homo sapiens mRNA for KIAA0576 protein, partial cds//1.6e-174:803:99//Hs.14687:AB011148

20

F-HEMBA1002937//ESTs, Weakly similar to homologous to mouse gene PC326:GenBank Accession Number M95564 [H.sapiens]//8.1e-36:256:85//Hs.36899:AA130053

25 F-HEMBA1002939//H.sapiens mRNA for cytokine inducible nuclear protein//1.1e-05:479:59//Hs.74019:X83703

30 F-HEMBA1002944//Human putative endothelin receptor type B-like protein mRNA, complete cds//0.83:326:58//Hs.27747:U87460

F-HEMBA1002951//ESTs//6.1e-08:137:70//Hs.26762:AA913925

35 F-HEMBA1002954//ESTs//9.3e-39:249:89//Hs.146185:R19099

F-HEMBA1002968//ESTs//0.73:142:64//Hs.136371:AA506092

40 F-HEMBA1002970//EST//2.9e-10:103:82//Hs.162580:AA593828

F-HEMBA1002971//ESTs//3.5e-21:190:81//Hs.61170:AA454219

45 F-HEMBA1002973//Phosphodiesterase 4B, cAMP-specific (dunce (Drosophila)-homolog phosphodiesterase E4)//1.5e-37:247:89//Hs.188:L20971

50 F-HEMBA1002997//Homo sapiens chromosome-associated protein-C (hCAP-C) mRNA, partial cds//1.7e-05:797:58//Hs.50758:AF092564

F-HEMBA1002999//EST//9.9e-38:453:70//Hs.161635:W22525

55 F-HEMBA1003021//Small inducible cytokine A5 (RANTES)//4.6e-49:373:81//Hs.155464:AF088219

EP 1 074 617 A2

F-HEMBA1003033//ESTs//5.0e-64:340:95//Hs.154270:N26486

5 F-HEMBA1003034//Homo sapiens PYRIN (MEFV) mRNA, complete cds//7.4e-70:330:78//Hs.113283:AF018080

F-HEMBA1003035//Homo sapiens mRNA for testican-3//0.041:623:57//Hs.159425:AJ001454

10 F-HEMBA1003037//EST//0.53:59:74//Hs.148011:M268003

15 F-HEMBA1003041//ESTs, Weakly similar to F58G11.6 [C.elegans]//1.7e-64:337:95//Hs.I05907:AA186514

F-HEMBA1003046//Homo sapiens mitochondrial processing peptidase beta-subunit mRNA, complete cds//3.2e-166:777:98//Hs.44097:AF054182

20 F-HEMBA1003064//ESTs//3.2e-07:320:65//Hs.23466:AI223438

F-HEMBA1003067

25 F-HEMBA1003071//Homo sapiens hyperpolarization-activated channel 1 (IH1) mRNA, partial cds//1.5e-15:611:59//Hs.124161:AF065164

30 F-HEMBA1003077//Homo sapiens KIAA0405 mRNA, complete cds//2.2e-29:542:62//Hs.48998:AB007865

F-HEMBA1003078//CYTOCHROME P450 IVF3//2.0e-29:452:67//Hs.106242:AB002454

35 F-HEMBA1003079//EST//2.0e-20:273:73//Hs.138001:AI034461

F-HEMBA1003083//EST//2.0e-48:314:86//Hs.149580:AI281881

40 F-HEMBA1003086//ESTs//2.6e-20:237:73//Hs.129331:AI090721

45 F-HEMBA1003096//ESTs, Weakly similar to HMG-box transcription factor [M.musculus]//0.98:216:61//Hs.97865:AA405872

F-HEMBA1003098//EST//2.9e-19:239:73//Hs.152366:AA486721

50 F-HEMBA1003117//H.sapiens ERF-2 mRNA//0.0048:447:59//Hs.78909:U07802

F-HEMBA1003129//Homo sapiens clone 24407 mRNA sequence//1.9e-06:507:58//Hs.12432:AF070575

55 F-HEMBA1003133//Homo sapiens mRNA for KIAA0771 protein, partial cds//0.038:288:63//Hs.6162:AB018314

EP 1 074 617 A2

F-HEMBA1003136

F-HEMBA1003142//ESTs//3.6e-112:526:99//Hs.55982:AA284279

5

F-HEMBA1003148//Homo sapiens mRNA for dachshund protein//2.2e-184:850:99//Hs.63931:AJ005670

10

F-HEMBA1003166//Homo sapiens mRNA for KIAA0688 protein, complete cds//1.1e-24:171:83//Hs.I41874:AB014588

F-HEMBA1003175//EST//0.91:168:60//Hs.123335:AA810740

15

F-HEMBA1003179//EST, Weakly similar to hypothetical protein in purB 5' region [E.coli]//4.7e-20:118:97//Hs.II8831:AA211895

20

F-HEMBA1003197//ESTs//0.049:265:58//Hs.153718:AI215523

F-HEMBA1003199//SOX-3 PROTEIN//0.00034:383:60//Hs.157429:X71135

25

F-HEMBA1003202//ESTs//7.1e-84:408:98//Hs.130134:AA905412

F-HEMBA1003204//Homo sapiens PYRIN (MEFV) mRNA, complete cds//4.6e-33:154:85//Hs.113283:AF018080

30

F-HEMBA1003212//ESTs//1.0e-31:159:84//Hs.134067:AI076765

F-HEMBA1003220//EST//8.6e-29:317:73//Hs.150552:AI053784

35

F-HEMBA1003222//ESTs//0.77:208:62//Hs.85451:AA181310

F-HEMBA1003229//EST//0.084:233:60//Hs.98176:AA417012

40

F-HEMBA1003235//Homo sapiens antigen NY-CO-16 mRNA, complete cds//0.00054:432:58//Hs.I32206:AF039694

45

F-HEMBA1003250

F-HEMBA1003257//Homo sapiens fibroblast growth factor 18 (FGF18) mRNA, complete cds//4.3e-08:426:64//Hs.49585:AF075292

50

F-HEMBA1003273//EST//0.00078:195:65//Hs.158019:AA867991

F-HEMBA1003276//EST//6.6e-09:159:74//Hs.162664:AA605020

55

F-HEMBA1003278//ESTs//0.89:257:63//Hs.23207:R42864

EP 1 074 617 A2

F-HEMBA1003281//ESTs//2.6e-33:175:98//Hs.122278:AA781867

5 F-HEMBA1003286//Homo sapiens chromosome 3q13 beta-1,4-galactosyltransferase mRNA, complete cds//2.9e-146:539:97//Hs.13225:AF038662

10 F-HEMBA1003291//Homo sapiens mRNA for KIAA0537 protein, complete cds//1.6e-167:799:98//Hs.12836:AB011109

F-HEMBA1003296//EST//0.0013:49:97//Hs.137157:R44912

15 F-HEMBA1003304//ESTs//0.047:164:64//Hs.94448:AA770160

F-HEMBA1003309//ESTs//7.8e-123:589:98//Hs.I05486:AA521012

20 F-HEMBA1003314//Homo sapiens mRNA for leucine zipper bearing kinase, complete cds//1.5e-189:865:99//Hs.124224:AB001872

25 F-HEMBA1003322//H.sapiens mRNA for sigma 3B protein//4.5e-49:399:80//Hs.154782:X99459

F-HEMBA1003327//EST//7.7e-10:165:72//Hs.114826:AA056254

30 F-HEMBA1003328//EST//0.00023:128:67//Hs.126467:AA913328

F-HEMBA1003330

35 F-HEMBA1003348//Human mRNA for KIAA0331 gene, complete cds//4.8e-26:256:78//Hs.146395:AB002329

40 F-HEMBA1003369//Homo sapiens DNA from chromosome 19p13.2 cosmid R31240, R30272 and R28549 containing the EKLF, GCDH, CRTG, and RAD23A genes, genomic sequence//0.37:187:65//Hs.80265:AD000092

F-HEMBA1003370//ESTs//8.2e-36:196:79//Hs.139158:AA226159

45 F-HEMBA1003373//ESTs//1.0:195:61//Hs.127307:AI263819

F-HEMBA1003376//Clathrin, light polypeptide (Lcb)//2.3e-29:606:64//Hs.73919:X81637

50 F-HEMBA1003380//ESTs//2.5e-21:303:70//Hs.37528:H58017

F-HEMBA1003384//ESTs//0.14:281:61//Hs.159650:N95552

55 F-HEMBA1003395//ESTs//0.53:121:70//Hs.144873:AI202488

F-HEMBA1003402//EST//0.029:148:66//Hs.116798:AA633813

EP 1 074 617 A2

- 5 F-HEMBA1003403//Adducin 2 (beta) {alternative products }//5.0e-05:445:61//Hs.90951:U43959
- F-HEMBA1003408//ESTs//9.0e-12:87:98//Hs.70266:Z78309
- 10 F-HEMBA1003417//Glutamate-cysteine ligase (gamma-glutamylcysteine synthetase), regulatory (30.8kD)//9.5e-05:541:58//Hs.89709:L35546
- F-HEMBA1003418//ESTs//3.5e-85:399:100//Hs.154489:AA564962
- 15 F-HEMBA1003433//Homo sapiens nibrin (NBS) mRNA, complete cds//2.0e-149:686:99//Hs.25812:AF058696
- 20 F-HEMBA1003447//Human mRNA for KIAA0380 gene, complete cds//0.43:271:60//Hs.47822:AB002378
- F-HEMBA1003461//Glycoprotein Ib (platelet), beta polypeptide//4.8e-08:775:58//Hs.3847:U59632
- 25 F-HEMBA1003463//ESTs//3.3e-22:121:99//Hs.130847:AA058578
- 30 F-HEMBA1003480//Homo sapiens mRNA for KIAA0700 protein, partial cds//0.16:321:60//Hs.13999:AB014600
- F-HEMBA1003528//ESTs//3.8e-53:315:91//Hs.129688:AA057443
- 35 F-HEMBA1003531//Human mRNA for KIAA0033 gene, partial cds//4.9e-51:451:78//Hs.22271:D26067
- 40 F-HEMBA1003538//ESTs//1.2e-82:415:96//Hs.162075:AI392811
- F-HEMBA1003545//ISL1 transcription factor, LIM/homeodomain, (islet-1)//5.0e-75:736:73//Hs.505:U07559
- 45 F-HEMBA1003548//ESTs//8.7e-77:411:95//Hs.163443:R23311
- F-HEMBA1003555//Human nucleotide-binding protein mRNA, complete cds//3.6e-33:562:64//Hs.81469:U01833
- 50 F-HEMBA1003556
- 55 F-HEMBA1003560//EST//3.7e-29:202:86//Hs.136858:AA767122
- F-HEMBA1003568//ESTs//2.4e-06:214:65//Hs.143371:AI342327

EP 1 074 617 A2

F-HEMBA1003569//Human metastasis-associated mtal mRNA, complete cds//2.0e-58:455:66//Hs.101448:U35113

5 F-HEMBA1003571//ESTs//0.0025:198:63//Hs.116448:AA648972

F-HEMBA1003579//ESTs//6.0e-110:513:99//Hs.97372:AA398546

10 F-HEMBA1003581//ESTs, Highly similar to TALIN [Mus musculus]//3.6e-19:108:99//Hs.18420:AA599232

15 F-HEMBA1003591//ESTs, Weakly similar to R74.5 [C.elegans]//5.2e-85:487:92//Hs.57937:W68285

F-HEMBA1003595//Membrane cofactor protein (CD46, trophoblast-lymphocyte cross-reactive antigen)//2.8e-06:439:62//Hs.83532:X59405

20

F-HEMBA1003597//ESTs//0.0025:200:64//Hs.8473:T40827

25 F-HEMBA1003598//ESTs//0.18:187:63//Hs.98641:AA429916

25

F-HEMBA1003615//ESTs, Highly similar to phosphorylation regulatory protein HP-10 [H.sapiens]//2.4e-133:644:97//Hs.3566:AA314782

30 F-HEMBA1003617//Homo sapiens mRNA for HRIHFB2157, partial cds//7.9e-171:501:97//Hs.124956:AB015344

35 F-HEMBA1003621//Homo sapiens protein inhibitor of activated STAT protein PIASx-alpha mRNA, complete cds//4.4e-16:161:78//Hs.111323:AF077954

F-HEMBA1003622//EST//0.0085:251:62//Hs.97343:AA401750

40 F-HEMBA1003630//ESTs//7.5e-05:304:61//Hs.87131:AA233159

F-HEMBA1003637//Homo sapiens homolog of the Aspergillus nidulans sudD gene product mRNA, complete cds//7.9e-26:546:63//Hs.109901:AF013591

45

F-HEMBA1003640//ESTs//1.1e-11:267:661//Hs.34359:AI122791

50 F-HEMBA1003645

F-HEMBA1003646

55 F-HEMBA1003656

F-HEMBA1003662

EP 1 074 617 A2

F-HEMBA1003667//ESTs//1.5e-27:235:81//Hs.55855:AA621381

F-HEMBA1003679//ESTs//4.3e-49:251:97//Hs.152811:AA630906

5

F-HEMBA1003680//Human plectin (PLEC1) mRNA, complete cds//3.4e-06:464:61//Hs.79706:U53204

10

F-HEMBA1003684//ESTs, Weakly similar to zinc finger protein C2H2-171 [H.sapiens]//1.6e-100:478:98//Hs.118866:AI017072

15

F-HEMBA1003690//Homo sapiens mRNA for KIAA0600 protein, partial cds//9.5e-74:606:77//Hs.9028:AF039691

F-HEMBA1003692//ESTs//4.2e-43:252:92//Hs.39748:AA487187

20

F-HEMBA1003711//Homo sapiens mRNA for KIAA0544 protein, partial cds//0.81:254:62//Hs.32316:AB011116

F-HEMBA1003714//ESTs//6.4e-98:495:95//Hs.43846:N49995

25

F-HEMBA1003715//ESTs//1.3e-11:228:69//Hs.101237:AA708760

30

F-HEMBA1003720//Homo sapiens clone 23892 mRNA sequence//5.5e-45:692:68//Hs.91916:AF035317

F-HEMBA1003725//EST//2.5e-46:228:100//Hs.160069:AA926921

35

F-HEMBA1003729//ESTs//4.1e-48:253:96//Hs.26270:AA258839

F-HEMBA1003733//Human Line-1 repeat mRNA with 2 open reading frames//8.6e-102:753:81//Hs.23094:M19503

40

F-HEMBA1003742//Homo sapiens chromosome 19, cosmid

R31180//0.16:242:62//Hs.153325:AC005390

45

F-HEMBA1003758//ESTs//9.3e-12:408:61//Hs.148459:AI198946

50

F-HEMBA1003760//Homo sapiens clone 23698 mRNA sequence//9.7e-35:430:69//Hs.8136:U81984

F-HEMBA1003773//EST//0.76:191:61//Hs.127020:AA934920

55

F-HEMBA1003783//ESTs, Weakly similar to C01H6.7 [C.elegans]//1.7e-24:224:81//Hs.18171:AA524327

EP 1 074 617 A2

F-HEMBA1003784//ESTs//0.13:120:67//Hs.161993:AA503172

F-HEMBA1003799//Interleukin 9 receptor//2.0e-17:263:70//Hs.1702:L39064

5 F-HEMBA1003803//Homo sapiens calcium-activated potassium channel (KCNN3) mRNA, complete cds//0.13:222:61//Hs.89230:AF031815

10 F-HEMBA1003804//ESTs//1.4e-112:275:98//Hs.72132:AF039239

F-HEMBA1003805//Human p62 mRNA, complete cds//1.1e-11:523:60//Hs.119537:M88108

15 F-HEMBA1003807//ESTs//4.1e-08:279:68//Hs.115679:AI379721

F-HEMBA1003827//Homo sapiens mRNA for KIAA0616 protein, partial cds//3.3e-85:586:87//Hs.6051:AB014516

20 F-HEMBA1003836//EST//6.8e-06:98:74//Hs.I45447:AI204220

F-HEMBA1003838//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!!
25 [H.sapiens]//3.8e-40:151:88//Hs.139007:H74314

F-HEMBA1003856//ESTs//8.6e-53286:95//Hs.116645:AI005167

30 F-HEMBA1003864//Human mRNA for KIAA0369 gene, complete cds//0.11:144:66//Hs.21355:AB002367

F-HEMBA1003866//Homo sapiens semaphorin F homolog mRNA, complete cds//4.3e-30:35 580:63//Hs.27621 :U52840

F-HEMBA1003879//Nuclear cap binding protein, 80kD//6.7e-10:87:95//Hs.89563:D32002

40 F-HEMBA1003880

F-HEMBA1003885//Homo sapiens mRNA for KIAA0752 protein, partial cds//4.2e-18:302:67//Hs.23711:AB018295

45 F-HEMBA1003893//ESTs, Weakly similar to HYPOTHETICAL 27.8 KD PROTEIN IN VMA7-RPS31A INTERGENIC REGION [S.cerevisiae]//1.2e-49:295:92//Hs.114673:W72675

50 F-HEMBA1003902//ESTs//1.1e-11:165:74//Hs.54632:AA976236

F-HEMBA1003908//Homo sapiens mRNA for KIAA0525 protein, partial cds//0.081:345:58//Hs.78494:AB011097

55 F-HEMBA1003926//EST//2.5e-32:253 :83//Hs.132635:AI032875

EP 1 074 617 A2

F-HEMBA1003937//Human mRNA for KIAA0391 gene, complete cds//2.9e-38:313:69//Hs.154668:AB002389

5 F-HEMBA1003939//ESTs//3.4e-07:150:71//Hs.148926:R59562

F-HEMBA1003942//EST, Weakly similar to 24 KD PROTEIN [Xenopus laevis]//0.0029:222:61//Hs.144236:W52380

10

F-HEMBA1003950//ESTs//0.98:200:62//Hs.163912:W20055

15 F-HEMBA1003953//Zinc finger protein 7 (KOX 4, clone HF.16)//0.00014:271:66//Hs.2076:M29580

F-HEMBA1003958//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//2.1e-44:243:76//Hs.91146:N73230

20

F-HEMBA1003959//ESTs//0.067:251:59//Hs.39915:H78567

F-HEMBA1003976//EST//6.7e-09:109:81//Hs.154635:AI138965

25

F-HEMBA1003978

F-HEMBA1003985//EST//0.32:115:69//Hs.102617:N47009

30

F-HEMBA1003987//ESTs//7.8e-07:60:100//Hs.66058:AA424456

35 F-HEMBA1003989//Homo sapiens HIV-1 inducer of short transcripts binding protein (FBI1) mRNA, complete cds//0.022:349:58//Hs.104640:AF000561

F-HEMBA1004000//EST//7.2e-07:200:66//Hs.119082:AA358468

40

F-HEMBA1004011//EST//0.019:241:62//Hs.116989:AA676493

F-HEMBA1004012//ESTs//3.6e-09:177:68//Hs.106132:AA812573

45

F-HEMBA1004015//ESTs//3.0e-86:407:99//Hs.115679:AI379721

F-HEMBA1004024//Homo sapiens mRNA for KIAA0772 protein, complete cds//5.2e-51:359:84//Hs.15519:AB018315

50

F-HEMBA1004038//ESTs//1.2e-58:324:94//Hs.61658:AI239930

F-HEMBA1004042//EST//0.00088:272:6//Hs.155763:AI312281

55

F-HEMBA1004045//EST//2.7e-20:408:66//Hs.162529:AA584160

EP 1 074 617 A2

- F-HEMBA1004048//Transforming growth factor beta//0.026:462:57//Hs.6101:M60315
- F-HEMBA1004049//ESTs//8.1e-68:430:86//JHs.146307:AA584638
- 5 F-HEMBA1004055//Human chromosome 3p21.1 gene sequence//1.5e-10:457:58//Hs.82837:L13435
- 10 F-HEMBA1004056//Homo sapiens mRNA for alpha(1,2)fucosyltransferase, complete cds//1.5e-46:199:80//Hs.46328:D87942
- F-HEMBA1004074//ESTs//3.0e-23:219:74//Hs.70279:AA757426
- 15 F-HEMBA1004086//EST//0.36:189:62//Hs.156218:AA770107
- F-HEMBA1004097//NADH-CYTOCHROME B5 REDUCTASE//1.0:302:57//Hs.75666:M28713
- 20 F-HEMBA1004111//Human G protein-coupled receptor (STRL22) mRNA, complete cds//4.3e-39:335:79//Hs.46468:U45984
- 25 F-HEMBA1004131//Human mRNA for KIAA0202 gene, partial cds//1.9e-24:610:61//Hs.80712:D86957
- F-HEMBA1004132//EST//3.5e-06:143:70//Hs.136799:AA780064
- 30 F-HEMBA1004133//ESTs//1.0:157:68//Hs.161226:AI419759
- F-HEMBA1004138//H.sapiens mRNA for RanGTPase activating protein 1//0.00055:343:62//Hs.5923:X82260
- 35 F-HEMBA1004143
- 40 F-HEMBA1004146
- F-HEMBA1004150//EST//0.0046:402:57//Hs.147027:AI186056
- 45 F-HEMBA1004164//Homo sapiens mRNA for KIAA0798 protein, complete cds//1.8e-15:591:60//Hs.159277:AB018341
- F-HEMBA1004168//Homo sapiens geminin mRNA, complete cds//1.5e-134:649:97//Hs.59988:AF067855
- 50 F-HEMBA1004199
- 55 F-HEMBA1004200//ESTs//0.0083:150:66//Hs.116424:AI375427
- F-HEMBA1004202//ESTs, Weakly similar to GTP-BINDING PROTEIN YPTM1 [Zea

EP 1 074 617 A2

mays//1.2e-35:205:94//Hs.10092:AI189282

F-HEMBA1004203//ESTs//3.9e-14:237:70//Hs.118273:AA626040

5

F-HEMBA1004207//Leptin receptor//1.1e-167:791:98//Hs.54515:U50748

F-HEMBA1004225//ESTs//0.00087:231:64//Hs.13109:AA192514

10

F-HEMBA1004227//ESTs, Weakly similar to F55A11.4 [C.elegans]//0.012:156:67//Hs.I63588:AI073878

15

F-HEMBA1004238

F-HEMBA1004241//ESTs//8.7e-05:51:96//Hs.162826:AA679571

20

F-HEMBA1004246//EST//1.2e-36:198:96//Hs.121343:AA758522

F-HEMBA1004248//Homo sapiens insulin induced protein 1 (INSIG1) gene, complete cds//1.1e-28:295:72//Hs.56205:U96876

25

F-HEMBA1004264//Human HCF1 gene related mRNA sequence//3.1e-07:553:60//Hs.83634:U52112

30

F-HEMBA1004267//Homo sapiens mRNA for KIAA0688 protein, complete cds//4.9e-73:490:77//Hs.141874:AB014588

F-HEMBA1004272

35

F-HEMBA1004274//EST//0.43:154:61//Hs.125347:AA876444

F-HEMBA1004275//Human mRNA for KIAA0333 gene, partial cds//0.71:118:65//Hs.155313:AB002331

40

F-HEMBA1004276//Homo sapiens mRNA for KIAA0800 protein, complete cds//1.0:364:56//Hs.118738:AB018343

45

F-HEMBA1004286//Homo sapiens TGF beta receptor associated protein-1 mRNA, complete cds//6.9e-187:868:99//Hs.101766:AF022795

50

F-HEMBA1004289

F-HEMBA1004295//EST//0.20:149:62//Hs.162415:AA573484

55

F-HEMBA1004306//ESTs//0.041:177:64//Hs.158234:AI270047

F-HEMBA1004312//ESTs//0.83:253:59//Hs.121898:AI336314

EP 1 074 617 A2

F-HEMBA1004321//Zinc finger protein 136 (clone pHZ-20)//2.3e-40:452:65//Hs.69740:
 U09367
 5
 F-HEMBA1004323//EST//0.44:134:64//Hs.145464:AI204532
 F-HEMBA1004327//Homo sapiens SOX22 protein (SOX22) mRNA, complete cds//0.017:209:
 10 64//Hs.43627:U35612
 F-HEMBA1004330//ESTs//4.5e-27:171:91//Hs.112838:AA614062
 15 F-HEMBA1004334//EST//2.4e-53:556:75//Hs.139093:AA166888
 F-HEMBA1004335//Homo sapiens mRNA for KIAA0706 protein, complete cds//0.49:80:
 20 73//Hs.139648:AB014606
 F-HEMBA1004341
 F-HEMBA1004353//Homo sapiens mRNA for c-myc binding protein, complete cds//2.7e-39:
 25 270:86//Hs.80686:D89667
 F-HEMBA1004354//Human CHL1 potential helicase (CHLR1), complete cds//1.3e-46:190:
 30 92//Hs.27424:U75968
 F-HEMBA1004356//Thyrotropin-releasing hormone receptor//0.15:296:62//Hs.3022:D85376
 F-HEMBA1004366//ESTs, Weakly similar to transposon LRE2 reverse transcriptase homolog
 35 [H.sapiens]//7.8e-10:396:61//Hs.33688:AA020928
 F-HEMBA1004372//ESTs//0.90:172:62//Hs.145611:R68800
 40 F-HEMBA1004389//Zinc finger protein 148 (pHZ-52)//8.0e-28:359:67//Hs.112180:AF039019
 F-HEMBA1004394//ESTs//0.023:357:58//Hs.47212:N51250
 45 F-HEMBA1004396//EST//3.4e-22:244:74//Hs.162554:AA584818
 F-HEMBA1004405//EST//4.0e-43:214:100//Hs.33100:H42199
 50 F-HEMBA1004408//ESTs, Weakly similar to The ha1539 protein is related to cyclophilin.
 [H.sapiens]//1.4e-20:144:88//HS.121076:AI246426
 F-HEMBA1004429//Fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransferase, Bombay
 55 phenotype included)//4.8e-18:248:72//Hs.69747:M35531
 F-HEMBA1004433//Small inducible cytokine A5 (RANTES)//8.2e-39:248:81//Hs.155464:

EP 1 074 617 A2

AF088219

5 F-HEMBA1004460//Homo sapiens PYRIN (MEFV) mRNA, complete cds//5.6e-87:650:81//Hs.113283:AF018080

F-HEMBA1004461//ESTs//0.057:217:61//Hs.26989:Z41606

10 F-HEMBA1004479//Homo sapiens clone 23698 mRNA sequence//4.9e-17:223:71//Hs.8136:U81984

F-HEMBA1004482//EST//0.0056:261:59//Hs.45012:N39450

15

F-HEMBA1004499//ESTs//4.1e-68:340:97//Hs.134266:AA992600

F-HEMBA1004502//ESTs//7.7e-32:195:91//Hs.134906:H93431

20

F-HEMBA1004506//Human Line-1 repeat mRNA with 2 open reading frames//9.0e-89:758:76//Hs.23094:M19503

25 F-HEMBA1004507//ESTs, Weakly similar to T19B10.6 [C.elegans]//1.4e-61:296:99//Hs.114622:AA693492

30 F-HEMBA1004509//Homo sapiens suppressor of white apricot homolog 2 (SWAP2) mRNA, complete cds//0.014:265:61//Hs.43543:AF042800

F-HEMBA1004534//Filamin 1 (actin-binding protein-280)//5.0e-74:678:74//Hs.76279:X53416

35

F-HEMBA1004538//EST//0.00047:268:58//Hs.136870:AA805381

F-HEMBA1004542//Human butyrophilin protein (BT3.3) mRNA, partial cds//0.74:74:75//Hs.87497:U90552

40

F-HEMBA1004554

F-HEMBA1004560//ESTs//3.1e-19:240:73//Hs.112637:AA805331

45

F-HEMBA1004573//EST//2.4e-59:290:99//Hs.112908:AA620802

50 F-HEMBA1004577//ESTs, Weakly similar to UTR1 PROTEIN [S.cerevisiae]//1.2e-17:334:67//Hs.24536:AA479825

F-HEMBA1004586//Von Hippel-Lindau syndrome//5.1 e-35:337:78//Hs.78160:AF010238

55

F-HEMBA1004596//ESTs//3.3e-32:189:94//Hs.42530:N41661

F-HEMBA1004604//Human hindlimb expressed homeobox protein backfoot (Bft) mRNA,

EP 1 074 617 A2

complete cds//0.42:186:66//Hs.84136:1170370

5 F-HEMBA1004610//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!!
[H.sapiens]//2.3e-16:297:68//Hs.106008:AA147606

F-HEMBA1004617//EST//0.027:188:61//Hs.I59094:AI383198

10 F-HEMBA1004629//ESTs//7.8e-09:348:63//Hs.138358:T66178

F-HEMBA1004631//EST//0.0012:268:60//Hs.150685:AA923416

15 F-HEMBA1004632//ESTs//0.82:125:67//Hs.143619:AI360891

F-HEMBA1004637//ESTs//0.0034:229:64//Hs.157178:AI346780

20 F-HEMBA1004638//ESTs//2.0e-11:166:71//Hs.128657:AI017522

F-HEMBA1004666//EST//0.44:294:58//Hs.44780:N36083

25 F-HEMBA1004669//ESTs//1.7e-28:200:86//Hs.8084:W22796

F-HEMBA1004670//Mucin 1, transmembrane//0.060:416:57//Hs.89603:J05582

30 F-HEMBA1004672//ESTs//0.27:44:95//Hs.86237:AA206141

F-HEMBA1004693//ESTs//5.3e-55:301:95//Hs.159066:AI093252

35 F-HEMBA1004697//H.sapiens mRNA for ribosomal protein L18a homologue//0.64:313:
61//Hs.118578:X80821

40 F-HEMBA1004705//Homo sapiens KIAA0432 mRNA, complete cds//4.5e-19:230:
73//Hs.155174:AB007892

F-HEMBA1004709//ESTs//3.1e-31:176:88//Hs.152413:AA780515

45 F-HEMBA1004711//Cholinergic receptor, nicotinic, delta polypeptide//1.0:244:57//Hs.99975:
X55019

50 F-HEMBA1004725//Homo sapiens agrin precursor mRNA, partial cds//0.24:328:
60//Hs.68900:AF016903

55 F-HEMBA1004730//ESTs, Weakly similar to ORF2-like protein [H.sapiens]//5.9e-32:476:
70//Hs.116874:AA524909

F-HEMBA1004733//ESTs//3.8e-16:96:79//Hs.152413:AA780515

EP 1 074 617 A2

F-HEMBA1004734//Human epidermoid carcinoma mRNA for ubiquitin-conjugating enzyme E2 similar to Drosophila bendless gene product, complete cds//0.16:329:58//Hs.75355:D83004

5

F-HEMBA1004736//Human Line-1 repeat mRNA with 2 open reading frames//2.0e-61:663:71//Hs.23094:M19503

10

F-HEMBA1004748//ESTs//1.5e-05:343:63//Hs.42241:H96813

F-HEMBA1004751//ESTs//3.7e-32:147:80//Hs.138788:N54504

15

F-HEMBA1004752//Homo sapiens mRNA for KIAA0288 gene, complete cds//0.00020:521:59//Hs.91400:AB006626

20

F-HEMBA1004753//Homo sapiens DEC-205 mRNA, complete cds//5.1e-46:337:84//Hs.I53563:AF011333

F-HEMBA1004756//Human transporter protein (g17) mRNA, complete cds//3.1e-24:416:65//Hs.76460:U49082

25

F-HEMBA1004758//Homo sapiens transcription factor SL1 mRNA, complete cds//1.2e-136:769:91//Hs.153088:L39060

30

F-HEMBA1004763//Loricrin//0.0018:227:62//Hs.I55657:M61120

F-HEMBA1004768//Human Line-1 repeat mRNA with 2 open reading frames//4.5e-115:909:78//Hs.23094:M19503

35

F-HEMBA1004770//Human Rad50 (Rad50) mRNA, complete cds//0.020:728:57//Hs.41587:U63139

40

F-HEMBA1004771

F-HEMBA1004776//ESTs, Weakly similar to progesterone receptor-related protein p23 [H.sapiens]//1.0:158:63//Hs.62004:AF039235

45

F-HEMBA1004778//ESTs//1.2e-70:336:99//Hs.113052:AI222106

F-HEMBA1004795

50

F-HEMBA1004803//ESTs//5.0e-75:454:88//Hs.138632:H97952

F-HEMBA1004806//EST//0.080:142:65//Hs.160268:AI148971

55

F-HEMBA1004807//Human HIV1 tata element modulatory factor mRNA sequence from chromosome 3//4.5e-48:171:92//Hs.134510:L01042

EP 1 074 617 A2

- F-HEMBA1004816//EST//1.0e-17:175:71//Hs.140680:AA873646
- 5 F-HEMBA1004820//ESTs//1.3e-136:629:99//Hs.160726:AI300481
- F-HEMBA1004847//ESTs//2.1 e-09:66:98//Hs.158161:AA312511
- 10 F-HEMBA1004850//EST//0.033:253:64//Hs.158782:A376601
- F-HEMBA1004863//Homo sapiens mRNA for KIAA0578 protein, partial cds//0.83:179:62//Hs.22998:AB011150
- 15 F-HEMBA1004864//ESTs, Weakly similar to ANON-66Db [D.melanogaster]//1.7e-13:81:100//Hs.75884:AA446987
- 20 F-HEMBA1004865//ESTs//0.92:148:65//Hs.126980:AA934077
- F-HEMBA1004880//H.sapiens mRNA for retrotransposon//1.2e-30:264:79//Hs.6940:Z48633
- 25 F-HEMBA1004889//Growth arrest-specific I//0.20:146:68//Hs.65029:L13698
- F-HEMBA1004900//ESTs//1.6e-32:196:93//Hs.132032:R85304
- 30 F-HEMBA1004909//ESTs//3.4e-13:154:75//Hs.151467:N51106
- F-HEMBA1004918//EST//0.78:122:61//Hs.I45491:AI254348
- 35 F-HEMBA1004923//ELK1, member of ETS oncogene family//1.6e-40:340:79//Hs.116549:AL009172
- F-HEMBA1004929//Cardiac gap junction protein//0.0048:588:57//Hs.74471:X52947
- 40 F-HEMBA1004930//ESTs//1.5e-17:227:74//Hs.148739:AI224959
- F-HEMBA1004933//Human pseudoautosomal homeodomain-containing protein (PHOG) mRNA, complete cds//0.11:182:65//Hs.105932:U89331
- 45 F-HEMBA1004934
- 50 F-HEMBA1004944//EST//1.2e-67:349:96//Hs.162281:AA553981
- F-HEMBA1004954//ESTs//0.0i4:404:60//Hs.11177:AA417813
- 55 F-HEMBA1004956//EST//2.3e-05:208:64//Hs.146958:AI174478
- F-HEMBA1004960//ESTs//0.79:169:62//Hs.11637:W03274

EP 1 074 617 A2

F-HEMBA1004972

5 F-HEMBA1004973//Homo sapiens mRNA for KIAA0445 protein, complete cds//0.073:574:
58//Hs.154139:AB007914

10 F-HEMBA1004977//EST//4.4e-12:86:94//Hs.157819:AI361946

F-HEMBA1004978//ESTs//0.097:337:60//Hs.114157:AA703013

15 F-HEMBA1004980//EST//3.2e-10:169:65//Hs.149123:AI244750

F-HEMBA1004983//EST//0.93:85:71//Hs.162267:AA553589

20 F-HEMBA1004995//ESTs//0.46:296:61//Hs.135168:AI394026

F-HEMBA1005008//ESTs//1.5e-20:156:85//Hs.114140:U35429

25 F-HEMBA1005009//Homo sapiens chromosome 7q22 sequence//1.5e-52:379:
72//Hs.151887:AF053356

30 F-HEMBA1005019//Homo sapiens mRNA for KIAA0648 protein, partial cds//4.5e-148:693:
98//Hs.31921:AB014548

F-HEMBA1005029//Homo sapiens mRNA for KIAA0660 protein, complete cds//1.0:215:
65//Hs.6727:AB014560

35 F-HEMBA1005035//ESTs, Weakly similar to HYPOTHETICAL 82.8 KD PROTEIN B0303.4 IN
CHROMOSOME III [C.elegans]//9.4e-106:503:98//Hs.21362:AF039237

40 F-HEMBA1005039//Human kpni repeat mrna (cdna clone pcd-kpni-8), 3' end//5.8e-60:272:
89//Hs.103948:K00627

45 F-HEMBA1005047//Homo sapiens MAD-related gene SMAD7 (SMAD7) mRNA, complete
cds//0.078:442:59//Hs.100602:AF010193

F-HEMBA1005050//H.sapiens ERF-2 mRNA//0.0025:251:63//Hs.78909:U07802

50 F-HEMBA1005062//ESTs//0.020:268:59//Hs.146181:AI264462

F-HEMBA1005066//Homo sapiens X-ray repair cross-complementing protein 2 (XRCC2)
mRNA, complete cds//1.5e-59:411:85//Hs.129727:AF035587

55 F-HEMBA1005075//Human mRNA for KIAA0383 gene, partial cds//0.00010:395:
57//Hs.27590:AB002381

EP 1 074 617 A2

F-HEMBA1005079//Dihydrolipoamide branched chain transacylase (E2 component of branched chain keto acid dehydrogenase complex)//3.5e-26:344:72//Hs.89479:X66785

5 F-HEMBA1005083//Homo sapiens centrosomal Nek2-associated protein 1 (C-NAP1) mRNA, complete cds//0.59:631:59//Hs.27910:AF049105

10 F-HEMBA1005101//Homo sapiens SYT interacting protein SIP mRNA, complete cds//4.1e-163:762:98//Hs.11170:AF080561

F-HEMBA1005113//ESTs//0.52:109:68//Hs.106330:AI031916

15 F-HEMBA1005123//Homo sapiens mRNA for KIAA0761 protein, partial cds//1.3e-52:468:78//Hs.93121:AB018304

20 F-HEMBA1005133//ESTs//1.6e-27:366:73//Hs.151467:N51106

F-HEMBA1005149//EST//3.3e-37:304:80//Hs.132635:AI032875

25 F-HEMBA1005152//ESTs//3.9e-09:285:62//Hs.155876:AA593021

F-HEMBA1005159//EST//8.4e-05:289:64//Hs.125563:AA884216

30 F-HEMBA1005185//ESTs//1.4e-22:129:96//Hs.14920:AA910914

F-HEMBA1005201//EST//4.0e-16:96:98//Hs.89002:AA282197

35 F-HEMBA1005202

F-HEMBA1005206//Homo sapiens sox1 gene//0.0079:431:58//Hs.144029:Y13436

40 F-HEMBA1005219//ESTs//4.3e-47:299:88//Hs.5019:W26547

F-HEMBA1005223//ESTs//0.00030:168:66//Hs.76487:N37081

45 F-HEMBA1005232//EST//0.0078:209:61//Hs.46852:N48302

F-HEMBA1005241//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete cds//6.0e-54:399:79//Hs.129735:AF010144

50 F-HEMBA1005244//ESTs//2.5e-14:85:10011Hs.128744:AI191922

F-HEMBA1005251//ESTs//0.012:49:95//Hs.161554:AA393896

55 F-HEMBA1005252//Homo sapiens mRNA for KIAA0585 protein, partial cds//4.7e-151:705:98//Hs.72660:AB011157

EP 1 074 617 A2

F-HEMBA1005274//ESTs//7.1e-09:298:64//Hs.145522:AI261380

F-HEMBA1005275//ESTs//7.9e-13:375:63//Hs.148974:AA001777

5

F-HEMBA1005293//Homo sapiens clone 23662 mRNA sequence//7.7e-22:338:65//Hs.12451:U97018

10

F-HEMBA1005296//ESTs//0.055:299:60//Hs.86320:AI149232

F-HEMBA1005304//Small inducible cytokine A5 (RANTES)//1.7e-45:322:85//Hs.155464:AF088219

15

F-HEMBA1005311

F-HEMBA1005314//ESTs//8.1e-39:199:98//Hs.119974:AI279516

20

F-HEMBA1005315//ESTs//1.9e-07:266:64//Hs.141440:N21615

F-HEMBA1005318//ESTs//5.3e-06:161:72//Hs.119411:AA937117

25

F-HEMBA1005331//Human checkpoint suppressor 1 mRNA, complete cds//0.00075:310:63//Hs.111597:U68723

30

F-HEMBA1005338//Homo sapiens mRNA for matrilin-4, partial//4.4e-153:740:97//Hs.29361:AJ007581

F-HEMBA1005353//EST//5.4e-09:2-22:68//Hs.119508:AA485732

35

F-HEMBA1005359//Zinc finger protein 137 (clone pHZ-30)//5.7e-100:500:88//Hs.151689:U09414

40

F-HEMBA1005367//Homo sapiens melastatin 1 (MLSN1) mRNA, complete cds//2.5e-70:572:73//Hs.43265:AF071787

F-HEMBA1005372//ESTs//0.00045:163:66//Hs.164058:AI417905

45

F-HEMBA1005374//Human melanoma antigen recognized by T-cells (MART-1) mRNA//6.1e-43:341:81//Hs.154069:U06452

50

F-HEMBA1005382//EST//2.4e-32:167:99//Hs.147186:AI93053

F-HEMBA1005389//ESTs//0.0021:245:59//Hs.104463:AA804448

55

F-HEMBA1005394//ESTs, Weakly similar to No definition line found [C.elegans]//1.0e-130:620:98//Hs.108990:N25951

EP 1 074 617 A2

F-HEMBA1005403//ESTs, Weakly similar to No definition line found [C.elegans]//7.7e-151:
727:97//Hs.17118:AI033807

5 F-HEMBA1005408//ESTs//3.2e-70:426:89//Hs.158078:H24513

F-HEMBA1005410//EST//2.5e-25:460:67//Hs.138765:N70347

10 F-HEMBA1005411

F-HEMBA1005423//Homo sapiens cyclin-dependent kinase inhibitor (CDKN2C) mRNA,
complete cds//3.3e-171:537:99//Hs.4854:AF041248

15 F-HEMBA1005426//EST//1.0:148:64//Hs.44469:N33323

F-HEMBA1005443//Zinc finger protein 157 (HZF22)//9.0e-34:259:72//Hs.89897:U28687

20 F-HEMBA1005447//EST//3.9e-10:211:70//Hs.145960:AI276783

F-HEMBA1005468//ESTs//8.4e-53:390:81//Hs.152395:AA533107

25 F-HEMBA1005469//Human (clone E5.1) RNA-binding protein mRNA, complete cds//3.1e-29:
155:99//Hs.75104:L37368

30 F-HEMBA1005472//Human Line-1 repeat mRNA with 2 open reading frames//1.4e-88:481:
92//Hs.23094:M19503

35 F-HEMBA1005474//Small inducible cytokine A5 (RANTES)//4.2e-29:257:78//Hs.155464:
AF088219

F-HEMBA1005475//Homo sapiens antigen NY-CO-16 mRNA, complete cds//5.3e-09:414:
60//Hs.132206:AF039694

40 F-HEMBA1005497//Glucocorticoid receptor alpha { alternative products}//8.7e-41:588:
69//Hs.102761:U25029

45 F-HEMBA1005500//Homo sapiens PAC clone DJ1093017 from 7q11.23-q21//1.1e-28:318:
73//Hs.159530:AC004957

50 F-HEMBA1005506//Human mRNA for KIAA0010 gene, complete cds//0.67:351:
58//Hs.155287:D13635

F-HEMBA1005508//ESTs//0.45:326:59//Hs.102756:AA526911

55 F-HEMBA1005511//Human mRNA for KIAA0355 gene, complete cds//4.2e-49:400:
79//Hs.153014:AB002353

EP 1 074 617 A2

F-HEMBA1005513//ESTs, Weakly similar to males-absent on the first [D.melanogaster]//5.3e-76:378:97//Hs.22767:N99220

5 F-HEMBA1005517//Homo sapiens transcription factor forkhead-like 7 (FKHL7) gene, complete cds//0.54:623:56//Hs.143551:AF048693

10 F-HEMBA1005518//ESTs//0.10:207:60//Hs.72447:AA160575

F-HEMBA1005520//Human mRNA for tryptophan hydroxylase (EC 1.14.16.4)//3.1e-55:288:85//Hs.144563:AF057280

15 F-HEMBA1005526//Small inducible cytokine A5 (RANTES)//5.4e-48:176:76//Hs.155464:AF088219

20 F-HEMBA1005528//ESTs, Highly similar to POP2 PROTEIN [Saccharomyces cerevisiae]//1.2e-30:166:96//Hs.17035:AI080471

F-HEMBA1005530

25 F-HEMBA1005548//Homo sapiens short form transcription factor C-MAF (c-maf) mRNA, complete cds//4.6e-18:391:64//Hs.30250:AF055376

30 F-HEMBA1005552//ESTs//1.8e-46:238:88//Hs.138856:H47461

F-HEMBA1005558//Human involucrin mRNA//3.0e-07:501:60//Hs.157091:M13903

35 F-HEMBA1005568//ESTs//0.013:259:63//Hs.13669:H47257

F-HEMBA1005570//ESTs//0.0084:442:59//Hs.125384:AI346507

40 F-HEMBA1005576//Homo sapiens mRNA for KIAA0463 protein, partial cds//1.9e-128:610:98//Hs.77738:AB007932

F-HEMBA1005577//ESTs//0.98:199:61//Hs.146226:AI312873

45 F-HEMBA1005581//Homo sapiens mRNA for MEGF5, partial cds//9.1e-53:830:64//Hs.57929:AB011538

F-HEMBA1005582

50

F-HEMBA1005583

55 F-HEMBA1005588//ESTs//1.3e-35:386:70//Hs.55855:AA621381

F-HEMBA1005593//S-ADENOSYLMETHIONINE SYNTHETASE ALPHA AND BETA

EP 1 074 617 A2

FORMS//0.54:439:591/Hs.2137:D49357

5 F-HEMBA1005595//Human mRNA for KIAA0325 gene, partial cds//5.5e-06:378:57//Hs.7720:
AB002323

F-HEMBA1005606//EST//2.0e-60:324:94//Hs.5062:D19609

10 F-HEMBA1005609//ESTs//6.0e-39:378:76//Hs.142242:H06982

F-HEMBA1005616//Human mRNA for tryptophan hydroxylase (EC 1.14.16.4)//8.2e-22:721:
15 61//Hs.144563:AF057280

F-HEMBA1005621//ESTs, Weakly similar to MITOTIC MAD2 PROTEIN [S.cerevisiae]//1.8e-89:
454:96//Hs.19400:AA662845

20 F-HEMBA1005627//EST//1.0:161:60//Hs.162765:AA622535

F-HEMBA1005631//EST//0.74:124:62//Hs.156185:AA723734

25 F-HEMBA1005632//ESTs//1.0:96:70//Hs.141321:N70199

F-HEMBA1005634//EST//6.6e-10:105:73//Hs.159692:AI416956

30 F-HEMBA1005666

F-HEMBA1005670//Homo sapiens mRNA for KIAA0570 protein, complete cds//2.7e-45:255:
35 79//Hs.114293:AB011142

F-HEMBA1005679//Human kpni repeat mrna (cdna clone pcd-kpni-4), 3' end//1.2e-37:356:
77//Hs.139107:K00629

40 F-HEMBA1005680

F-HEMBA1005685

45 F-HEMBA1005699//Human putative EPH-related PTK receptor ligand LERK-8 (Eplg8) mRNA,
complete cds//3.3e-71:497:85//Hs.26988:U66406

50 F-HEMBA1005705//ESTs//0.00093:149:65//Hs.163564:R43678

F-HEMBA1005717//EST//0.018:115:66//Hs.160541:AI270143

55 F-HEMBA1005732//Farnesyl diphosphate synthase (farnesyl pyrophosphate synthetase,
dimethylallyltranstransferase, geranyltranstransferase)//2.6e-20:151:88//Hs.77393:D14697

F-HEMBA1005737//ESTs//9.5e-34:235:88//Hs.160197:AA393754

EP 1 074 617 A2

- F-HEMBA1005746//ESTs//0.20:260:59//Hs.112451:AI264024
- 5 F-HEMBA1005755//Human kpni repeat mrna (cdna clone pcd-kpni-8), 3' end//1.8e-48:425:78//Hs.103948:K00627
- F-HEMBA1005765//Small inducible cytokine A5 (RANTES)//1.3e-36:280:81//Hs.155464:AF088219
- 10 F-HEMBA1005780//ESTs//1.0:139:67//Hs.88684:AA885141
- 15 F-HEMBA10058131//ESTs//0.012:209:63//Hs.113365:R77747
- F-HEMBA1005815//Human calpain-like protease (htra-3) mRNA, complete cds//2.0e-07:439:62//Hs.6133:U94346
- 20 F-HEMBA1005822//ESTs//9.3e-06:444:59//Hs.124344:T10577
- F-HEMBA1005829//ESTs//1.1e-47:394:80//Hs.146811:AA410788
- 25 F-HEMBA1005834//Human Line-1 repeat mRNA with 2 open reading frames//7.9e-42:690:66//Hs.23094:M19503
- 30 F-HEMBA1005852//Human plectin (PLEC1) mRNA, complete cds//0.17:470:56//Hs.79706:U53204
- F-HEMBA1005853//EST//0.013:211:60//Hs.162604:AA595150
- 35 F-HEMBA1005884//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0484//1.4e-53:332:83//Hs.158095:AB007953
- 40 F-HEMBA1005891//ESTs//1.1e-77:393:97//Hs.28545:AI268097
- F-HEMBA1005894//Human G protein-coupled receptor (STRL22) mRNA, complete cds//7.2e-45:411:77//Hs.46468:U45984
- 45 F-HEMBA1005909//Human neuropeptide y2 receptor mRNA, complete cds//0.00054:477:59//Hs.37125:U42766
- 50 F-HEMBA1005911//Thromboxane A2 receptor//4.1e-45:419:75//Hs.89887:D38081
- F-HEMBA1005921//Homo sapiens haemopoietic progenitor homeobox HPX42B (HPX42B) mRNA, complete cds//2.0e-46:434:78//Hs.125231:AF068006
- 55 F-HEMBA1005931//ESTs, Weakly similar to kruppel-related zinc finger protein [H.sapiens]//1.2e-46:228:100//Hs.152178:AI224880

EP 1 074 617 A2

F-HEMBA1005934//EST//3.1e-14:121:85//Hs.150003:AI291588

5 F-HEMBA1005962//EST//0.0010:212:62//Hs.163197:AA767883

F-HEMBA1005963

10 F-HEMBA1005990//Homo sapiens I-1 receptor candidate protein mRNA, complete cds//4.2e-151:697:99//Hs.26285:AF082516

F-HEMBA1005991//EST//3.0e-07:361:59//Hs.146442:AI127530

15 F-HEMBA1005999//EST//1.2e-14:350:66//Hs.122326:AA782526

F-HEMBA1006002

20 F-HEMBA1006005//ESTs, Weakly similar to TH1 protein [D.melanogaster]//0.98:197:61//Hs.5184:AA709151

25 F-HEMBA1006031

F-HEMBA1006035

30 F-HEMBA1006036//Homo sapiens PYRIN (MEFV) mRNA, complete cds//5.4e-92:617:84//Hs.113283:AF018080

F-HEMBA1006042//ESTs//6.3e-41:161:81//Hs.41186:R99609

35 F-HEMBA1006067//ESTs//2.0e-74:354:99//Hs.43321:AI139422

F-HEMBA1006081

40 F-HEMBA1006090//EST//1.2e-12:340:62//Hs.61195:AI418788

F-HEMBA1006091//ESTs//4.7e-98:473:98//Hs.9658:AA506313

45 F-HEMBA1006100//ESTs//7.1 e-22:273:73//Hs.144407:AA737799

F-HEMBA1006108//ESTs, Weakly similar to ZK792.1 [C.elegans]//2.1e-26:273:66//Hs.8763:W30741

50 F-HEMBA1006121//EST//0.00012:232:59//Hs.117096:AA677968

55 F-HEMBA1006124//EST//0.047:251:62//Hs.132257:AI027222

F-HEMBA1006130//Human HOX4C mRNA for a homeobox protein//1.0:150:62//Hs.74061:

EP 1 074 617 A2

X59372

5 F-HEMBA1006138//ESTs//1.8e-27:132:84//Hs.141575:AA211734

F-HEMBA1006142//EST//2.5e-47:310:87//Hs.149580:AI281881

10 F-HEMBA1006155

F-HEMBA1006158//ESTs//5.1e-105:506:98//Hs.93468:N40575

F-HEMBA1006173//ESTs//2.5e-24:195:84//Hs.79092:H29627

15 F-HEMBA1006182//ESTs//2.5e-19:237:72//Hs.141840:AA028117

F-HEMBA1006198//ESTs//0.017:133 :67//Hs.142168:AA292540

20 F-HEMBA1006235//Homo sapiens clone 24422 mRNA sequence//8.6e-177:836:98//Hs.109268:AF070557

25 F-HEMBA1006248//Human zinc finger protein (MAZ) mRNA//0.0014:221:67//Hs.7647:M94046

F-HEMBA1006252

30 F-HEMBA1006253//EST//1.3e-100:467:100//Hs.146619:AI140706

F-HEMBA1006259//Homo sapiens mRNA for KIAA0798 protein, complete cds//0.00037:158:69//Hs.159277:AB018341

35 F-HEMBA1006268//ESTs//1.1e-20:376:67//Hs.72814:AA706631

F-HEMBA1006272//EST//4.8e-20:252:69//Hs.162992:AA688140

40 F-HEMBA1006278//H.sapiens PAP mRNA//6.5e-57:610:71//Hs.49007:X76770

F-HEMBA1006283

45 F-HEMBA1006284//ESTs//0.00017:248:63//Hs.143840:AI189964

F-HEMBA1006291

50 F-HEMBA1006293

F-HEMBA1006309//Homo sapiens T cell immune response cDNA7 (TIRC7) mRNA, complete cds//0.76:416:58//Hs.46465:U45285

55 F-HEMBA1006310//Homo sapiens mRNA for KIAA0602 protein, partial cds//9.3e-49:637:

EP 1 074 617 A2

68//Hs.37656:AB011174

- 5 F-HEMBA1006328//ESTs//1.8e-71:429:88//Hs.139922:AA281350
- F-HEMBA1006334//EST//0.082:267:57//Hs.136449:AA572789
- 10 F-HEMBA1006344//ESTs//6.2e-08:67:94//Hs.42302:AI032142
- F-HEMBA1006347//ESTs, Weakly similar to males-absent on the first [D.melanogaster]//5.3e-76:378:97//Hs.22767:N99220
- 15 F-HEMBA1006349//ESTs//0.87:276:60//Hs.23628:H03287
- F-HEMBA1006359//Zinc finger protein 43 (HTF6)//4.4e-117:823:81//Hs.74107:X59244
- 20 F-HEMBA1006364//EST//0.0012:168:66//Hs.156756:AI351026
- F-HEMBA1006377//Homo sapiens RalBP1-interacting protein (POB1) mRNA, complete cds//0.0028:422:59//Hs.80667:AF010233
- 25 F-HEMBA1006380//Homo sapiens syntaxin 4 binding protein UNC-18c (UNC-18c) mRNA, complete cds//0.41:265:61//Hs.8813:AF032922
- 30 F-HEMBA1006381//ESTs//3.8e-78:382:98//Hs.132171:AI042531
- F-HEMBA1006398//Human Line-1 repeat mRNA with 2 open reading frames//2.1e-49:395:80//Hs.23094:M19503
- 35 F-HEMBA1006416//EST//7.3e-12:154:77//Hs.134086:AI077477
- F-HEMBA1006419//EST//4.6e-51:179:86//Hs.149580:AI281881
- 40 F-HEMBA1006421//ISLET AMYLOID POLYPEPTIDE PRECURSOR//4.9e-46:517:72//Hs.51048:X68830
- 45 F-HEMBA1006424//ESTs//2.7e-08:380:60//Hs.44369:AI206835
- F-HEMBA1006426//ESTs//3.0e-98:465:99//Hs.129251:AA993264
- 50 F-HEMBA1006438//EST//1.3e-29:183:93//Hs.147412:AI209194
- F-HEMBA1006445
- 55 F-HEMBA1006446//EST//0.14:200:59//Hs.160695:AI282889
- F-HEMBA1006461//Thiopurine S-methyltransferase//1.4e-29:210:72//Hs.51124:AF019369

EP 1 074 617 A2

F-HEMBA1006467

5 F-HEMBA1006471//ESTs//1.4e-05:391:60//Hs.121282:AI091453

F-HEMBA1006474//ESTs, Highly similar to 40 KD PROTEIN [Borna disease virus]//1.1e-13:346:63//Hs.31257:AA875998

10 F-HEMBA1006483//Thromboxane A2 receptor//2.2e-51:386:82//Hs.89887:D38081

F-HEMBA1006485//EST//5.4e-111:516:99//Hs.61925:AA039532

15 F-HEMBA1006486//EST//4.7e-23:286:72//Hs.137800:AA886897

F-HEMBA1006489//ESTs//2.5e-06:137:71//Hs.28621:AA910431

20 F-HEMBA1006492

F-HEMBA1006494//ESTs//8.5e -24:299:72//Hs.153413:AI248625

25 F-HEMBA1006497//EST//0.00034:431:61//Hs.130057:AA903389

F-HEMBA1006502//ESTs//2.6e-11:131:80//Hs.141267:H22072

30 F-HEMBA1006507//Homo sapiens mRNA for KIAA0666 protein, partial cds//7.3e-141:470:98//Hs.153858:AB014566

35 F-HEMBA1006521//ESTs, Weakly similar to 3-oxoacyl-[acyl-carrier protein] reductase [E.coli]//3.9e-98:483:97//Hs.94811:AA011185

F-HEMBA1006530//EST//1.7e-42:530:71//Hs.163207:AA808002

40 F-HEMBA1006535//ESTs//2.9e-84:404:98//Hs.128679:AI160081

F-HEMBA1006540//Homo sapiens multi PDZ domain protein MUPP1 (MUPP1) mRNA, complete cds//4.4e-173:654:98//Hs.21301:AF093419

45 F-HEMBA1006546//ESTs//2.8e-45:391:78//Hs.146307:AA584638

50 F-HEMBA1006559//Homo sapiens KIAA0438 mRNA, complete cds//2.1e-47:363:79//Hs.21490:AB007898

F-HEMBA1006562//ESTs//4.5e-09:116:75//Hs.142368:AI198425

55 F-HEMBA1006566//EST//0.85:100:68//Hs.13052:T67136

EP 1 074 617 A2

F-HEMBA1006569//ESTs//2.7e-06:213:64//Hs.44372:AI346522

F-HEMBA1006579//EST//0.064:160:62//Hs.126244:AA873479

5

F-HEMBA1006583//Homo sapiens Jagged 2 mRNA, complete cds//1.7e-07:533:60//Hs.106387:AF029778

10

F-HEMBA1006595//Small inducible cytokine A5 (RANTES)//6.8e-69:328:81//Hs.155464:AF088219

15

F-HEMBA1006597//Homo sapiens mRNA for KIAA0752 protein, partial cds//2.6e-38:441:69//Hs.23711:AB018295

F-HEMBA1006612//ESTs//8.8e-135:668:97//Hs.7942:AA205862

20

F-HEMBA1006617//EST//4.6e-31:254:81//Hs.132635:AI032875

F-HEMBA1006624//ESTs, Weakly similar to HYPOTHETICAL 41.9 KD PROTEIN IN SDS3-THS1 INTERGENIC REGION [S.cerevisiae]//2.5e-75:379:97//Hs.40911:AI391502

25

F-HEMBA1006631//ESTs//1.4e-126:612:98//Hs.131737:AI343331

F-HEMBA1006635//EST//0.65:145:63//Hs.104560:AA340589

30

F-HEMBA1006639//ESTs, Highly similar to POLYADENYLATE-BINDING PROTEIN [Homo sapiens]//9.1e-27:170:92//Hs.109818:AA411185

35

F-HEMBA1006643//ESTs, Moderately similar to putative p150 [H.sapiens]//9.7e-05:259:65//Hs.105747:AA505003

40

F-HEMBA1006648//Homo sapiens integrin-linked kinase (ILK) mRNA, complete cds//3.9e-28:108:93//Hs.6196:U40282

F-HEMBA1006652//ESTs, Highly similar to 60S RIBOSOMAL PROTEIN L7 [Drosophila melanogaster]//3.0e-87:452:96//Hs.159574:AA190615

45

F-HEMBA1006653

50

F-HEMBA1006659//Homo sapiens PAC clone DJ0905J08 from 7p12-p14//2.9e-92:438:98//Hs.8173:AC005189

F-HEMBA1006665//Homo sapiens clone 23892 mRNA sequence//2.8e-18:180:80//Hs.91916:AF035317

55

F-HEMBA1006674//Homo sapiens mRNA for nucleolar protein hNop56//1.6e-16:122:90//Hs.5092:Y12065

EP 1 074 617 A2

F-HEMBA1006676

5 F-HEMBA1006682//EST//0.12:193:61//Hs.128367:AA974575

F-HEMBA1006695//ESTs//5.6e-27:110:80//Hs.159510:AA297145

10 F-HEMBA1006696//EST//3.2e-12:160:75//Hs.146472:AI128198

F-HEMBA1006708

15 F-HEMBA1006709//ESTs//0.69:60:80//Hs.152752:AA643545

F-HEMBA1006717//ESTs//12.6e-31:286:78//Hs.55573:W37226

20 F-HEMBA1006737//ESTs//1.6e-37:189:99//Hs.97490:AA394105

F-HEMBA1006744//Human mRNA for KIAA0118 gene, partial cds//1.9e-52:360:84//Hs.154326:D42087

25 F-HEMBA1006754//Homo sapiens X-ray repair cross-complementing protein 2 (XRCC2) mRNA, complete cds//2.0e-92:817:78//Hs.129727:AF035587

30 F-HEMBA1006758//Human mRNA for KIAA0327 protein, complete cds//4.0e-10:576:56//Hs.149323:AB002325

F-HEMBA1006767//ESTs//1.7e-18:252:72//Hs.141073:W72720

35 F-HEMBA1006779//EST//9.1e-26:395:69//Hs.145366:AI252657

F-HEMBA1006780//EST//1.0:93:69//Hs.116946:AA680250

40 F-HEMBA1006789//ESTs//0.0060:276:59//Hs.144121:AI369798

F-HEMBA1006795//Human Line-1 repeat mRNA with 2 open reading frames//4.1e-37:781:64//Hs.23094:M19503

45 F-HEMBA1006796//Human clone 23803 mRNA, partial cds//1.4e-07:202:68//Hs.34054:U79298

50 F-HEMBA1006807//ESTs, Moderately similar to HYPOTHETICAL 46.4 KD PROTEIN T16H12.5 IN CHROMOSOME III [C.elegans]//4.8e-110:523:98//Hs.125790:AA287723

55 F-HEMBA1006821//EST//5.1e-11:246:66//Hs.150542:AI051551

F-HEMBA1006824//ESTs//1.4e-29:158:98//Hs.127712:AA961624

EP 1 074 617 A2

F-HEMBA1006832//EST//3.1e-24:277:74//Hs.139357:AA420970

5 F-HEMBA1006849//ESTs//0.99:332:57//Hs.128993:AA985327

F-HEMBA1006865

10 F-HEMBA1006877//ESTs, Highly similar to HYPOTHETICAL 113.8 KD PROTEIN IN ERG7-NMD2 INTERGENIC REGION [Saccharomyces cerevisiae]//2.4e-61:311:97//Hs.127793:W25938

15 F-HEMBA1006885//ESTs, Highly similar to HYPOTHETICAL 29.1 KD PROTEIN IN URA7-POL12 INTERGENIC REGION [Saccharomyces cerevisiae]//9.1e-128:805:87//Hs.32376:AA758214

20 F-HEMBA1006900//EST//6.8e-05:255:63//Hs.163173:AA781592

F-HEMBA1006914//EST//0.065 :366:6211Hs.162914:AA666199

25 F-HEMBA1006921//ESTs//2.9e-42:347:82//Hs.159266:AI376989

F-HEMBA1006926//Human I kappa BR mRNA, complete cds//0.90:545:59//Hs.154764:U16258

30 F-HEMBA1006929//EST//0.00013:403:61//Hs.162642:AA602539

F-HEMBA1006936//ESTs//0.00014:60:93//Hs.8737:W22712

35 F-HEMBA1006938//ESTs//4.7e-51:256:98//Hs.143651:AI150382

F-HEMBA1006941//Homo sapiens mRNA for putative thioredoxin-like protein//4.4e-92:437:98//Hs.42644:AJ010841

40 F-HEMBA1006949//H.sapiens mRNA for retrotransposon//6.9e-43:385:76//Hs.6940:Z48633

45 F-HEMBA1006973//Homo sapiens rab3-GAP regulatory domain mRNA, complete cds//1.8e-144:740:94//Hs.14934:AF004828

F-HEMBA1006976//H.sapiens mRNA for Gal-beta(1-3/1-4)GlcNAc alpha-2,3-sialyltransferase//1.9e-79:447:89//Hs.75268:X74570

50 F-HEMBA1006993//ESTs//5.4e-19:380:66//Hs.152635:AA600968

55 F-HEMBA1006996//ESTs//0.17:242:59//Hs.106879:AA054723

F-HEMBA1007002

EP 1 074 617 A2

F-HEMBA1007017//EST//1.0:59:72//Hs.113400:R39282

5 F-HEMBA1007018//Homo sapiens dynein light intermediate chain 2 (LIC2) mRNA, complete
cds//2.5e-78:827:70//Hs.43003:AF035812

F-HEMBA1007045

10 F-HEMBA1007051//EST//0.85:65:73//Hs.158641:AI370659

F-HEMBA1007052

15 F-HEMBA1007062

F-HEMBA1007066//ESTs//0.94:160:63//Hs.56071:W52212

20 F-HEMBA1007073//ESTs//3.6e-50:246:80//Hs.142678:H37845

F-HEMBA1007078//Human arginine-rich nuclear protein mRNA, complete cds//6.7e-75:417:
25 91//Hs.80510:M74002

F-HEMBA1007080

30 F-HEMBA1007085//Guanylate cyclase 2D, membrane (retina-specific)//1.3e-06:568:
61//Hs.1974:M92432

F-HEMBA1007087//Human mevalonate pyrophosphate decarboxylase (MPD) mRNA,
35 complete cds//0.95:541:57//Hs.3828:U49260

F-HEMBA1007112//ESTs//3.4e-104:494:98//Hs.19207:AA039595

40 F-HEMBA1007113//ESTs//0.71:246:62//Hs.96235:AA196354

F-HEMBA1007121//ESTs//3.5e-69:335:98//Hs.140519:AA643182

45 F-HEMBA1007129

F-HEMBA1007147//ESTs//3.2e-07:235:641//Hs.124813:W46172

50 F-HEMBA1007149//ESTs//7.2e-08:161:68//Hs.121179:AA757136

F-HEMBA1007151

55 F-HEMBA1007174//Homo sapiens epsin 2b mRNA, complete cds//6.6e-64:318:
97//Hs.22396:AF062085

EP 1 074 617 A2

F-HEMBA1007178//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!!
[H.sapiens]//4.2e-39:248:90//Hs.157148:AA311921

5 F-HEMBA1007194//ESTs//2.3e-107:503:99//Hs.100605:AA305965

F-HEMBA1007203//Homo sapiens mRNA for KIAA0214 protein, complete cds//5.6e-158:478:
98//Hs.3363:D86987

10

F-HEMBA1007206//EST//0.23:119:66//Hs.144402:AA609252

15 F-HEMBA1007224//Homo sapiens mRNA for KIAA0797 protein, partial cds//1.6e-177:839:
98//Hs.27197:AB018340

20 F-HEMBA1007243//Hypoxanthine phosphoribosyltransferase 1 (Lesch-Nyhan syndrome)
//2.7e-56:647:69//Hs.82314:M31642

20

F-HEMBA1007251//Human plectin (PLEC1) mRNA, complete cds//0.19:210:67//Hs.79706:
U53204

25 F-HEMBA1007256//Homo sapiens clone 24407 mRNA sequence//1.0:144:6411Hs.12432:
AF070575

30 F-HEMBA1007267//Human homolog of yeast mutL (hPMS1) gene, complete cds//0.99:239:
60//Hs.111749:U13695

F-HEMBA1007273//ESTs//5.6e-24:271:73//Hs.144951:N34836

35 F-HEMBA1007279//ESTs//6. 1e-36:185:78//Hs.141022:H06475

F-HEMBA1007281//ESTs//0.74:94:65//Hs.162533:AA584529

40 F-HEMBA1007288//EST//0.83:99:67//Hs.127878:AA968637

F-HEMBA1007300//EST//3.6e-62:355:91//Hs.150139:AI300062

45 F-HEMBA1007301//Collagen, type I, alpha 1//1.5e-09:406:61//Hs.111913:Z74615

F-HEMBA1007319//EST//0.0068:50:96//Hs.163362:AA890506

50 F-HEMBA1007320//ESTs//1.0:133:66//Hs.38032:N63634

F-HEMBA1007322//ESTs//0.0077:187:66//Hs.4852:R84241

55 F-HEMBA1007327//ESTs, Weakly similar to HOST CELL FACTOR C1 [H.sapiens]//3.5e-09:
144:76//Hs.20597:W58370

EP 1 074 617 A2

F-HEMBA1007341//ESTs//7.5e-61:302:98//Hs.154944:AA494130

5 F-HEMBA1007342//ESTs//2.9e-12:289:64//Hs.135555:AA911006

F-HEMBA1007347//EST//0.44:89:70//Hs.65949:Z40561

10 F-HEMBB1000005//ESTs//1.6e-07:337:60//Hs.126718:AA916568

F-HEMBB1000008//H.sapiens mRNA for translin associated protein X//1.1e-43:370:78//Hs.96247:X95073

15 F-HEMBB1000018//Nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 (p105)//1.0:108:70//Hs.83428:M58603

F-HEMBB1000024//EST//5.4e-07:137:70//Hs.125389:AA878307

20 F-HEMBB1000025//EST//0.99:362:58//Hs.121221:AA757392

F-HEMBB1000030//H.sapiens mRNA for cyclin II//1.3e-10:525:62//Hs.3232:Z46788

25 F-HEMBB1000036

F-HEMBB1000037//Homo sapiens erythroblast macrophage protein EMP mRNA, complete cds//6.2e-102:450:98//Hs.20815:AF084928

30 F-HEMBB1000039//EST//0.0034:97:73//Hs.141684:W35358

35 F-HEMBB1000044//ESTs//0.0048:218:63//Hs.123161:AA807319

F-HEMBB1000048//EST//0.00025:222:62//Hs.122474:AA765131

40 F-HEMBB1000050//ESTs//5.6e-28:293:75//Hs.136839:H93717

F-HEMBB1000054//Human Line-1 repeat mRNA with 2 open reading frames//3.3e-54:259:88//Hs.23094:M19503

45 F-HEMBB1000055//ESTs//0.0017:289:62//Hs.125755:AA286923

F-HEMBB1000059//Homo sapiens mRNA for KIAA0761 protein, partial cds//5.9e-59:286:84//Hs.93121:AB018304

50 F-HEMBB1000083

55 F-HEMBB1000089//EST//0.0016:192:661//Hs.137093:AA917621

F-HEMBB1000099//ESTs//5.7e-20:213:76//Hs.57883:AA218645

EP 1 074 617 A2

F-HEM BB1000103//Human kpni repeat mrna (cdna clone pcd-kpni-8), 3' end//4.9e-43:418:74//Hs.103948:K00627
 5 F-HEM BB1000113//EST//4.6e-23:221:76//Hs.142065:AA173763
 F-HEM BB1000119//Homo sapiens ASMTL gene//2.5e-132:621:98//Hs.6315:Y15521
 10 F-HEM BB1000136//ESTs//112.3e-101:507:96//Hs.12659:AA195207
 F-HEM BB1000141//ESTs//2.1e-15:283:69//Hs.126257:AI279044
 15 F-HEM BB1000144//EST//4.5e-52:298:91//Hs.149580:AI281881
 F-HEM BB1000173//Zinc finger protein 74 (Cos52)//2.4e-63:285:82//Hs.3057:X92715
 20 F-HEM BB1000175//EST//1.0:101:65//Hs.162898:AA659646
 F-HEM BB1000198//EST//0.99:179:56//Hs.116880:AA662457
 25 F-HEM BB1000215//Homo sapiens mRNA for KIAA0557 protein, partial cds//1.4e-15:139:82//Hs.101414:AB011129
 F-HEM BB1000217//ESTs//3.4e-06:81:88//Hs.121151:T66277
 30 F-HEM BB1000218//EST//0.11:136:63//Hs.134683:AI092013
 F-HEM BB1000226//Fragile X mental retardation 1//0.99:126:65//Hs.89764:X69962
 35 F-HEM BB1000240//H.sapiens mRNA for Nup88 protein//1.0:334:57//Hs.90734:Y08612
 F-HEM BB1000244//ESTs//3.2e-15:139:81//HS.134549:AI078483
 40 F-HEM BB1000250//Homo sapiens protein associated with Myc mRNA, complete cds//2.1e-156:735:981//Hs.151411:AF075587
 45 F-HEM BB1000258//EST//0.0091:325:60//Hs.97533:AA435884
 F-HEM BB1000264//Human CHL1 potential helicase (CHLR1), complete cds//1.4e-33:100:100//Hs.27424:U75968
 50 F-HEM BB1000266//Homo sapiens mRNA for myosin phosphatase target subunit 1 (MYPT1)//0.0019:373:60//Hs.16533:D87930
 55 F-HEM BB1000272//ESTs//1.3e-93:440:99//Hs.I09224:N46684

EP 1 074 617 A2

F-HEMBB1000274//ESTs//0.41:221:65//Hs.71990:AA151796

5 F-HEMBB1000284//EST//0.00024:108:73//Hs.100725:F13689

F-HEMBB1000307//EST//3.6e-10:149:73//Hs.140415:AA778574

10 F-HEMBB1000312//Homo sapiens mRNA for KIAA0783 protein, complete cds//0.00092:252:65//Hs.41153:AB018326

F-HEMBB1000317//Thrombospondin 1//7.1e-05:342:59//Hs.87409:X14787

15 F-HEMBB1000318//EST//0.014:184:61//Hs.155758:AI311870

F-HEMBB1000335//EST//0.99:187:63//Hs.137424:AA243729

20 F-HEMBB1000336//EST//1.0:209:63//Hs.150410:AI003611

F-HEMBB1000337//EST//0.086:133:66//Hs.128207:AA972330

25 F-HEMBB1000338//EST//7.1e-07:129:72//Hs.140488:AA767127

F-HEMBB1000339//Small inducible cytokine A5 (RANTES)//1.2e-36:336:7611Hs.155464:AF088219

30 F-HEMBB1000341

F-HEMBB1000343//EST//0.66:163:63//Hs.150822:AI302729

35 F-HEMBB1000354//ESTs//7.e-61:292:100//Hs.152266:AA926874

40 F-HEMBB1000369//ESTs, Highly similar to t-BOP [M.musculus]/10.013:157:64//Hs.129982:AI420970

F-HEMBB1000374//ESTs//8.7e-53:454:79//Hs.133518:R69934

45 F-HEMBB1000376//ESTs//5.9e-14:87:97//Hs.163973:AA744348

F-HEMBB1000391//ESTs//0.033:237:64//Hs.135289:AI092963

50 F-HEMBB1000399//Homo sapiens mRNA for cell cycle checkpoint protein//9.4e-165:762:98//Hs.16184:AJ001642

55 F-HEMBB1000402//EST//0.013:291:59//Hs.149191:AI246155

F-HEMBB1000404//ESTs//3.0e-69:353:96//Hs.135857:AA947194

EP 1 074 617 A2

F-HEMBB1000420//EST//6.3e-52:258:98//Hs.136434:AA557925

5 F-HEMBB1000434//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete
cds//9.4e-73:364:83//Hs.129735AF010144

F-HEMBB1000438//ESTs//0.073:446:58//Hs.134632:AI223429

10 F-HEMBB1000441//Interleukin 10//1.7e-38:336:77//Hs.2180:M57627

F-HEMBB1000449//EST//5.5e-21:356:671//Hs.157848:AI362501

15 F-HEMBB1000455//ESTs//0.092:147:65//Hs.106446:N93227

F-HEMBB1000472

20 F-HEMBB1000480//EST//0.98:83:71//Hs.146462:AI124898

F-HEMBB1000487//ESTs//1.4e-59:341:92//Hs.48561:N79206

25 F-HEMBB1000490//ESTs//2.5e-27:200:79//Hs.56825:AI057560

F-HEMBB1000491

30 F-HEMBB1000493//ESTs//0.019:103:69//Hs.138358:T66178

35 F-HEMBB1000510//Glucocorticoid receptor alpha {alternative products}//1.6e-46:409:
77//Hs.102761:U25029

F-HEMBB1000518//ESTs//3.7e-06:187:64//Hs.140989:R68413

40 F-HEMBB1000523//ESTs//0.69:332:59//Hg.106845:W19543

F-HEMBB1000530//H.sapiens mRNA for extracellular matrix protein collagen type XIV, C-
terminus//2.1e-38:138:96//Hs.36131:Y11710

45 F-HEMBB1000550//ESTs, Weakly similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!!
[H.sapiens]//7.7e-31:554:67//Hs.157142:U85996

50 F-HEMBB1000554//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0484//4.0e-
27:282:75//Hs.158095:AB007953

55 F-HEMBB1000556//Homo sapiens mRNA for KIAA0750 protein, complete cds//2.0e-33:537:
65//Hs.5444:AB018293

F-HEMBB1000564

EP 1 074 617 A2

- F-HEMBB1000573//H.sapiens HCG II mRNA//7.5e-27:197:76//Hs.146333:X81001
- F-HEMBB1000575//Von Hippel-Lindau syndrome//2.7e-72:255:79//Hs.78160:AF010238
- 5 F-HEMBB1000586//Dystrophin (muscular dystrophy, Duchenne and Becker types), includes DXS142, DXS164, DXS206, DXS230, DXS239, DXS268, DXS269, DXS270, DXS272//0.011:338:59//Hs.79012:M18533
- 10 F-HEMBB1000589//PLATELET GLYCOPROTEIN V PRECURSOR//2.4e-22:228:79//Hs.73734:Z23091
- 15 F-HEMBB1000591//ESTs//1.0e-17:370:64//Hs.58156:W71990
- F-HEMBB1000592//EST//0.0038:51:88//Hs.148022:AI269323
- 20 F-HEMBB1000593//Homo sapiens chromosome 7q22 sequence//4.7e-109:503:99//Hs.3386:AF053356
- F-HEMBB1000598//Ribosomal protein L5//3.5e-29:537:66//Hs.118781:U66589
- 25 F-HEMBB1000623//H.sapiens mRNA for GAIP protein//0.89:376:59//Hs.22698:X91809
- F-HEMBB1000630//Homo sapiens KIAA0404 mRNA, partial cds//0.074:168:61//Hs.105850:AB007864
- 30 F-HEMBB1000631//ESTs//1.7e-06:247:64//Hs.156864:AI346481
- 35 F-HEMBB1000632//Human mRNA for KIAA0351 gene, complete cds//5.1e-50:811:65//Hs.29963:AB002349
- F-HEMBB1000637//Sialophorin (gpL115, leukosialin, CD43)//2.4e-79:304:85//Hs.80738:X52075
- 40 F-HEMBB1000638//EST//0.0076:92:75//Hs.125496:AA883735
- 45 F-HEMBB1000643//ISLET AMYLOID POLYPEPTIDE PRECURSOR//3.5e-45:477:74//Hs.51048:X68830
- F-HEMBB1000649//Homo sapiens histone H2A.1b mRNA, complete cds//7.4e-52:533:75//Hs.51011:L19778
- 50 F-HEMBB1000652//ESTs//1.6e-49:345:84//Hs.132722:AA618531
- 55 F-HEMBB1000665//EST//0.44:152:63//Hs.149534:AI280924
- F-HEMBB1000671//Human Line-1 repeat mRNA with 2 open reading frames//2.2e-79:280:

EP 1 074 617 A2

85//Hs.23094:M19503

F-HEM BB1000673//ESTs//0.99:177:59//Hs.149864:N80474

5

F-HEM BB1000684//Protein kinase, interferon-inducible double stranded RNA dependent//2.6e-31:220:87//Hs.73821:M35663

10

F-HEM BB1000693//Homo sapiens neuroanl mRNA, complete cds//5.3e-120:575:97//Hs.158300:AF040723

F-HEM BB1000705//ESTs//4.7e-65:350:94//Hs.24610:R33125

15

F-HEM BB1000706//EST//8.6e-14:373:61//Hs.138281:RS5703

F-HEM BB1000709//EST//0.99:110:651//Hs.162437:AA577510

20

F-HEM BB1000725//RAS-RELATED PROTEIN RAB-8//1.7e-77:635:77//Hs.123109:X56741

F-HEM BB1000726//EST//1.3e-43:257:84//Hs.162197:AA535216

25

F-HEM BB1000738//EST//5.9e-13:259:64//Hs.159699:AI417328

F-HEM BB1000749//EST//3.1e-42:271:871//Hs.162197:AA535216

30

F-HEM BB1000763

F-HEM BB1000770//ESTs, Weakly similar to MOESIN/EZRIN/RADIXIN HOMOLOG [D.melanogaster]//0.021:111:72//Hs.38178:AA921830

35

F-HEM BB1000774//ESTs, Weakly similar to mTERF [H.sapiens]//2.5 e-116:580:97//Hs.5009:AA081390

40

F-HEM BB1000781//Human MEK kinase 3 mRNA, complete cds//5.3e-47:426:74//Hs.86201:U78876

45

F-HEM BB1000789//Homo sapiens mRNA for KIAA0677 protein, complete cds//3.0e-65:672:71//Hs.155983:AB014577

F-HEM BB1000790//ESTs//1.2e-52:344:86//Hs.35254:AI133727

50

F-HEM BB1000794//ESTs//0.00098:289:59//Hs.138782:N73572

F-HEM BB1000807//ESTs//2.1e-91:434:99//Hs.61334:AI298375

55

F-HEM BB1000810//ESTs//0.038:92:71//Hs.148763:AA66887

EP 1 074 617 A2

F-HEM BB1000821//EST//0.94:129:62//Hs.162299:AA555154

5 F-HEM BB1000822//ESTs//7.5e-05:199:63//Hs.117018:AA832421

F-HEM BB1000826//ESTs//4.8e-13:343:65//Hs.153429:AI283069

10 F-HEM BB1000827

F-HEM BB1000831

15 F-HEM BB1000835//EST//4.3e-27:201:851//Hs.141451:N29915

F-HEM BB1000840//EST//6.3e-75:380:96//Hs.142557:AA464948

20 F-HEM BB1000848//Human Line-1 repeat mRNA with 2 open reading frames//1.4e-135:875:85//Hs.23094:M19503

F-HEM BB1000852//Phosphoribosyl pyrophosphate amidotransferase//0.12:292:61//Hs.311:U00238

25 F-HEM BB1000870//EST//0.00091:246:62//Hs.126502:AA913831

30 F-HEM BB1000876//Homo sapiens ELISC-1 mRNA, partial cds//4.9e-34:200:94//Hs.128434:AF085351

F-HEM BB1000883//ESTs//0.42:107:67//Hs.154173:AI379823

35 F-HEM BB1000887

F-HEM BB1000888//ESTs//1.0:137:67//Hs.8121:AA521290

40 F-HEM BB1000890//ESTs//1.0:116:65//Hs.7105:T23433

F-HEM BB1000893//EST//0.0079:408:58//Hs.146504:AI129834

45 F-HEM BB1000908//EST//9.2e-21:205:79//Hs.132635:AI032875

50 F-HEM BB1000910//Human mRNA for KIAA0231 gene, partial cds//0.16:327:60//Hs.7938:D86984

F-HEM BB1000913//ESTs//1.0e-12:233:68//Hs.137545:AA487049

55 F-HEM BB1000915//ESTs//2.5e-90:423:99//Hs.135254:AI095468

F-HEM BB1000917//EST//2.8e-49:241:100//Hs.162216:AA548089

EP 1 074 617 A2

F-HEM BB1000927//Hippocalcin//1.2e-31:528:65//Hs.89692:D16593

F-HEM BB1000947

5

F-HEM BB1000959//Cytochrome P450, 51 (lanosterol 14-alpha-demethylase)//9.3e-48:572:72//Hs.2379:U23942

10

F-HEM BB1000973//ESTs//4.5e-26:286:76//Hs.137393:AA142938

F-HEM BB1000975//ESTs//0.78:180:66//Hs.104789:AA417124

15

F-HEM BB1000981

F-HEM BB1000985//Homo sapiens actin binding protein MAYVEN mRNA, complete cds//6.7e-07:308:62//Hs.122967:AF059569

20

F-HEM BB1000991//EST//0.12:125:66//Hs.22945:R43713

F-HEM BB1000996//ESTs//6.9e-05:273:63//Hs.133116:AI054055

25

F-HEM BB1001004//Homo sapiens mRNA for KIAA0665 protein, complete cds//0.62:193:62//Hs.119004:AB014565

30

F-HEM BB1001008//EST//4.7e-09:203:65//Hs.105221:AA489025

F-HEM BB1001011//Human Chromosome 16 BAC clone CIT987SK-A-635H12//2.4e-17:384:67//Hs.108604:AC002310

35

F-HEM BB1001014//EST, Weakly similar to putative p150 [H.sapiens]//0.21:284:60//Hs.161547:W04991

40

F-HEM BB1001020//ESTs//9.7e-37:186:76//Hs.138852:AA284247

F-HEM BB1001024//ESTs, Highly similar to t-BOP [M.musculus]//0.11:242:61//Hs.129982:AI420970

45

F-HEM BB1001037//EST//0.0057:192:66//Hs.149987:AI291177

F-HEM BB1001047//ESTs//1.6e-22:360:70//Hs.120734:W58721

50

F-HEM BB1001051//H.sapiens mRNA for FAN protein//3.8e-29:160:98//Hs.78687:X96586

55

F-HEM BB1001056//Homo sapiens mRNA for KIAA0618 protein, complete cds//1.0e-42:149:96//Hs.15832:AB014518

F-HEM BB1001058//Small inducible cytokine A5 (RANTES)//1.1e-45:349:82//Hs.155464:

EP 1 074 617 A2

AF088219

- 5 F-HEMBB1001060//ESTs//1.6e-62:464:81//Hs.138663:N24942
- F-HEMBB1001063
- 10 F-HEMBB1001068//Homo sapiens liprin-beta2 mRNA, partial cds//9.9e-148:736:95//Hs.12953:AF034803
- F-HEMBB1001096//EST//0.017:154:66//Hs.130403:AA909272
- 15 F-HEMBB1001102//ESTs//2.1e-18:120:95//Hs.163767:R06293
- F-HEMBB1001105//Human BRCA2 region, mRNA sequence
- 20 CG016//0.30:84:75//Hs.112434:U50529
- 25 F-HEMBB1001112//ESTs, Highly similar to PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT [Canis familiaris]//9.3e-38:341:77//Hs.14038:R06800
- F-HEMBB1001114//EST//6.4e-07:296:62//Hs.128420:AA975062
- 30 F-HEMBB1001117//EST//1.6e-99:464:99//Hs.130493:AA928139
- F-HEMBB1001119
- F-HEMBB1001126
- 35 F-HEMBB1001133//H.sapiens mRNA for translin associated protein X//1.2e-28:739:61//Hs.96247:X95073
- 40 F-HEMBB1001137
- F-HEMBB1001142//Human mRNA for KIAA0331 gene, complete cds//2.1e-23:340:69//Hs.146395:AB002329
- 45 F-HEMBB1001151//ESTs//2.6e-30:252:79//Hs.6880:W26854
- 50 F-HEMBB1001153//ESTs//7.6e-16:97:96//Hs.113307:H167.16
- F-HEMBB1001169//ESTs//1.4e-32:374:71//Hs.161682:AA206863
- 55 F-HEMBB1001175//Human mRNA for ankyrin motif, complete cds//7.1e-36:509:66//Hs.73073:D78334
- F-HEMBB1001177//ESTs, Weakly similar to HYPOTHETICAL TRP-ASP REPEATS

EP 1 074 617 A2

CONTAINING PROTEIN IN HXT14-PHA2 INTERGENIC REGION [S.cerevisiae]/1.5e-65:312:100//Hs.86878:AA599183

5 F-HEMBB1001182//Electron-transfer-flavoprotein, beta polypeptide//0.94:199:64//Hs.74047:X71129

F-HEMBB1001199

10

F-HEMBB1001208//ESTs//0.12:120:69//Hs.130093:AA928802

F-HEMBB1001209//EST//0.00028:215:65//Hs.118276:W15258

15

F-HEMBB1001210//EST//2.9e-05:297:60//Hs.88840:AA281452

20

F-HEMBB1001218//Homo sapiens mRNA for KIAA0585 protein, partial cds//8.5e-37:260:76//Hs.72660:AB011157

25

F-HEMBB1001221//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0507//0.00046:650:58//Hs.158241:AB007976

F-HEMBB1001234//ESTs, Highly similar to 65 KD YES-ASSOCIATED PROTEIN [Mus musculus]/6.7e-103:477:100//Hs.127835:AI378790

30

F-HEMBB1001242//Homo sapiens mRNA for LAK-1, complete cds//1.2e-31:458:67//Hs.129918:AB005754

35

F-HEMBB1001249//EST//0.26:203:63//Hs.140791:AA935909

F-HEMBB1001253//ESTs//4.0e-91:433:98//Hs.120636:AA325219

40

F-HEMBB1001254//ESTs//2.0e-24:180:85//Hs.136391:H04977

F-HEMBB1001267//Ataxia telangiectasia mutated (includes complementation groups A, C and D)//6.1e-24:146:78//Hs.51187:U82828

45

F-HEMBB1001271//ESTs//2.5e-05:686:58//Hs.115423:AI359248

50

F-HEMBB1001282//GA-binding protein transcription factor, beta subunit 2 (47kD)//0.39:531:57//Hs.78915:U13045

* F-HEMBB1001288//ESTs, Highly similar to HYPOTHETICAL 27.3 KD PROTEIN ZK353.7 IN CHROMOSOME III [Caenorhabditis elegans]/4.9e-10:91:89//Hs.16606:W81021

55

F-HEMBB1001289//ESTs//6.4e-100:467:99//Hs.151720:AI287890

F-HEMBB1001294//ESTs, Highly similar to RAS-LIKE PROTEIN TC10 [Homo sapiens]/1.3e-

EP 1 074 617 A2

135:654:98//Hs.124217:AA020848

F-HEMBB1001302

5

F-HEMBB1001304//ESTs//0.98:109:68//Hs.138972:AA047725

F-HEMBB1001314//ESTs//7.4e-39:285:77//Hs.144749:AI217339

10

F-HEMBB1001315//Small inducible cytokine A5 (RANTES)//1.9e-40:355:78//Hs.155464:AF088219

15

F-HEMBB1001317//Human Line-1 repeat mRNA with 2 open reading frames//4.7e-98:625:85//Hs.23094:M19503

F-HEMBB1001326//ESTs//0.00030:257:63//Hs.62208:H12380

20

F-HEMBB1001331//ESTs, Weakly similar to DFS70 [H.sapiens]//1.0e-48:332:87//Hs.43071:AA206222

25

F-HEMBB1001335

F-HEMBB1001337//Homo sapiens mRNA for KIAA0563 protein, complete cds//8.5e-56:282:87//Hs.15731:AB011135

30

F-HEMBB1001339//Homo sapiens antigen NY-CO-16 mRNA, complete cds//0.039:161:65//Hs.132206:AF039694

35

F-HEMBB1001346//Oxytocin receptor//4.2e-42:456:73//Hs.2820:X64878

F-HEMBB1001348//Homo sapiens mRNA for KIAA0570 protein, complete cds//1.2e-45:176:77//Hs.114293:AB011142

40

F-HEMBB1001356//EST//0.32:292:59//Hs.135771:AI005648

F-HEMBB1001364

45

F-HEMBB1001366//EST//7.8e-24:367:69//Hs.138765:N70347

F-HEMBB1001367//Small inducible cytokine A5 (RANTES)//8.7e-50:326:86//Hs.155464:AF088219

50

F-HEMBB1001369//EST//0.17:211:63//Hs.120066:AA707973

55

F-HEMBB1001380//Homo sapiens mRNA for KIAA0527 protein, partial cds//8.2e-36:225:79//Hs.129748:AB011099

EP 1 074 617 A2

F-HEMBB1001384

F-HEMBB1001387//ESTs//0.61:215:60//Hs.145915:AI342230

5

F-HEMBB1001394//Human Line-1 repeat mRNA with 2 open reading frames//3.8e-94:568:83//Hs.23094:M19503

10

F-HEMBB1001410//Homo sapiens keratan sulfate proteoglycan mRNA, complete cds//0.021:373:58//Hs.125750:AF065988

F-HEMBB1001424//EST//0.20:307:58//Hs.135336:AI049827

15

F-HEMBB1001426//Homo sapiens clone 23579 mRNA sequence//8.3e-17:205:72//Hs.83466:AF038174

20

F-HEMBB1001429//ESTs, Highly similar to CYTOSOL AMINOPEPTIDASE [Bos taurus]//5.5e-153:729:96//Hs.21679:AF034175

25

F-HEMBB1001436//Human mRNA for KIAA0347 gene, complete cds//1.2e-44:316:85//Hs.101996:AB002345

F-HEMBB1001443

30

F-HEMBB1001449//Homo sapiens sodium bicarbonate cotransporter (HNBC1) mRNA, complete cds//0.033:478:58//Hs.5462:AF007216

F-HEMBB1001454//ESTs//1.4e-46:279:93//Hs.104866:AA426038

35

F-HEMBB1001458//EST//1.7e-09:106:83//Hs.141422:N20920

40

F-HEMBB1001463//Homo sapiens mRNA for semaphorin E, complete cds//0.18:387:59//Hs.62705:AB000220

F-HEMBB1001464//Homo sapiens Coch-5B2 mRNA, complete cds//0.26:189:67//Hs.21016:AF006740

45

F-HEMBB1001482//Homo sapiens mRNA for KIAA0760 protein, partial cds//1.2e-27:292:74//Hs.137168:AB018303

50

F-HEMBB1001500//ESTs//8.1e-28:312:74//Hs.18498:N52088

F-HEMBB1001521//Homo sapiens mRNA for alpha(1,2)fucosyltransferase, complete cds//8.8e-54:359:74//Hs.46328:D87942

55

F-HEMBB1001527//Protein tyrosine phosphatase, receptor type, f polypeptide//1.0:198:63//Hs.75216:Y00815

EP 1 074 617 A2

F-HEMBB1001531//ESTs//4.3e-33:403:75//Hs.44862:N38735

5 F-HEMBB1001535//ESTs//0.0029:47:93//Hs.124864:AA663093

F-HEMBB1001536//ESTs//0.0047:120:68//Hs.144858:R67748

10 F-HEMBB1001537//ESTs, Weakly similar to eukaryotic initiation factor eIF-2 alpha kinase [D.melanogaster]//3.7e-20:297:73//Hs.42457:AA523306

15 F-HEMBB1001555//Human ring zinc-finger protein (ZNF127-Xp) gene and 5' flanking sequence//1.1e-35:188:77//Hs.102877:U41315

F-HEMBB1001562//ESTs//0.95:161:61//Hs.145075:AI208240

20 F-HEMBB1001564//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0484//3.4e-49:526:73//Hs.158095:AB007953

25 F-HEMBB1001565//Homo sapiens PYRIN (MEFV) mRNA, complete cds//1.9e-44:324:84//Hs.113283:AF018080

F-HEMBB1001585

30 F-HEMBB1001586//EST//0.84:132:64//Hs.145264:AI218708

F-HEMBB1001588//Human clone 23695 mRNA sequence//6.6e-20:327:67//Hs.90798:U79289

35 F-HEMBB1001603//ESTs//1.3e-12:84:96//Hs.13380:R60414

F-HEMBB1001618//ESTs//4.4e-11:349:63//Hs.132046:AA693680

40 F-HEMBB1001619//ESTs//2.1e-06:246:63//Hs.63428:AA058314

F-HEMBB1001630//EST//1.4e-07:334:62//Hs.145698:AI266713

45 F-HEMBB1001635//ESTs//0.92:282:60//Hs.126980:AA934077

50 F-HEMBB1001637//ELK1, member of ETS oncogene family//1.1e-27:395:64//Hs.116549:AL009172

F-HEMBB1001641//EST//0.11:53:81//Hs.112445:AA594279

55 F-HEMBB1001653//EST//0.91:124:64//Hs.144213:T40480

F-HEMBB1001665//Human mRNA for apolipoprotein E receptor 2, complete cds//7.0e-13:

EP 1 074 617 A2

473:63//Hs.54481:D86407

F-HEM BB1001668//ESTs//0.94:83:69//Hs.146202:AI252519

5

F-HEM BB1001673//Homo sapiens mRNA for KIAA0646 protein, complete cds//2.3e-172:803:98//Hs.24439:AB014546

10

F-HEM BB1001684//ESTs, Highly similar to Tbc1 [M.musculus]//5.4e-20:110:100//Hs.106104:AA599496

F-HEM BB1001685//EST//2.2e-05:112:73//Hs.130984:AI015430

15

F-HEM BB1001695//Human novel homeobox mRNA for a DNA binding protein//1.6e-08:425:62//Hs.37035:U07664

20

F-HEM BB1001704//EST//5.8e-20:295:69//Hs.140231:AI054398

F-HEM BB1001706

25

F-HEM BB1001707//EST//0.091:241:60//Hs.136830:AA769219

F-HEM BB1001717//ESTs//2.9e-06:325:60//Hs.150063:AI298064

30

F-HEM BB1001735//Small inducible cytokine A5 (RANTES)//3.2e-46:326:83//Hs.155464:AF088219

35

F-HEM BB1001736//ESTs, Weakly similar to E04D5.1 [C.elegans]//5.4e-99:485:97//Hs.120581:W25578

F-HEM BB1001747//ESTs//8.3e-87:421:98//Hs.137051:AA884244

40

F-HEM BB1001749//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete cds//3.5e-75:315:83//Hs.129735:AF010144

F-HEM BB1001753//ESTs//0.00013:35:100//Hs.139643:H06263

45

F-HEM BB1001756//ESTs//2.3e-89:433:98//Hs.128868:AA931077

F-HEM BB1001760//ESTs//6.5e-06:503:58//Hs.21766:AI357639

50

F-HEM BB1001762//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0507//2.9e-13:498:60//Hs.158241:AB007976

55

F-HEM BB1001785//EST//0.16:262:60//Hs.162526:AA584102

F-HEM BB1001797//ESTs//0.37:201:63//Hs.91559:AA806370

EP 1 074 617 A2

- F-HEMBB1001802//ESTs//1.6e-06:447:58//Hs.134672:AI087951
- 5 F-HEMBB1001812//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487//1.3e-54:311:81//Hs.92381:AB007956
- F-HEMBB1001816//ESTs//2.2e-39:302:84//Hs.35985:AA783017
- 10 F-HEMBB1001831//Homo sapiens PAM COOH-terminal interactor protein 1 (PCIP1) mRNA, complete cds//7.6e-164:763:98//Hs.159396:AF056209
- 15 F-HEMBB1001834//TRICHOHYALIN//7.1e-05:548:60//Hs.82276:L09190
- F-HEMBB1001836//Human mRNA for KIAA0033 gene, partial cds//4.0e-34:272:86//Hs.22271:D26067
- 20 F-HEMBB1001839//Pyruvate carboxylase//0.050:686:59//Hs.89890:S72370
- F-HEMBB1001850//EST//0.0035:204:61//Hs.7311:T23858
- 25 F-HEMBB1001863//Small inducible cytokine A5 (RANTES)//3.0e-48:357:82//Hs.155464:AF088219
- 30 F-HEMBB1001867//ESTs//2.2e-40:265:88//Hs.146323:AI251752
- F-HEMBB1001868//ESTs//5.2e-06:131:73//Hs.123362:AA811371
- 35 F-HEMBB1001869//ESTs//1.0e-86:429:96//Hs.141208:AA825503
- F-HEMBB1001872
- 40 F-HEMBB1001874//H.sapiens mRNA for CHD5 protein//0.0033:388:60//Hs.19923:Y12478
- F-HEMBB1001875//H.sapiens mRNA for RNA helicase (Myc-regulated dead box protein) //0.32:346:60//Hs.100555:X98743
- 45 F-HEMBB1001880//EST//4.0e-28:171:92//Hs.151194:AI125868
- F-HEMBB1001899//ESTs//0.17:242:62//Hs.136969:AA830918
- 50 F-HEMBB1001905
- F-HEMBB1001906//ESTs//5.6e-49:290:92//Hs.127298:H09155
- 55 F-HEMBB1001908//Human monocytic leukaemia zinc finger protein (MOZ) mRNA, complete cds//1.2e-83:672:81//Hs.82210:U47742

EP 1 074 617 A2

F-HEMBB1001910//EST, Weakly similar to albumin [H.sapiens]//0.047:206:62//Hs.159777:
 Z19955
 5 F-HEMBB1001911
 F-HEMBB1001915//ESTs//0.92:136:71//Hs.144465:R68882
 10 F-HEMBB1001921//EST//2.0e-19:398:67//Hs.44789:N36113
 F-HEMBB1001922//ESTs//4.3e-05:370:59//Hs.123669:AA805245
 15 F-HEMBB1001925//ESTs//5.7e-27:329:71//Hs.141071:H16398
 F-HEMBB1001930//EST//0.043:157:63//Hs.161927:AA483904
 20 F-HEMBB1001944//Human mRNA for KIAA0118 gene, partial cds//5.7e-55:444:
 80//Hs.154326:D42087
 25 F-HEMBB1001945//ESTs//1.1e-19:142:88//Hs.7341:N57875
 F-HEMBB1001947//Human mRNA for KIAA0392 gene, partial cds//1.8e-21:333:66//Hs.40100:
 AB002390
 30 F-HEMBB1001950//Homo sapiens Notch3 (NOTCH3) mRNA, complete cds//0.020:384:
 60//Hs.8546:U97669
 35 F-HEMBB1001952//EST//7.0e-13:302:63//Hs.120089:AA708101
 F-HEMBB1001953//ATL-derived PMA-responsive (APR) peptide//0.97:252:60//Hs.96:D90070
 40 F-HEMBB1001957//ESTs//6.1e-32:446:67//Hs.51305:T47418
 F-HEMBB1001962//Cytochrome P450, subfamily I (aromatic compound-inducible),
 polypeptide 2//2.3e-31:390:70//Hs.1361:M55053
 45 F-HEMBB1001967//H.sapiens mRNA for urea transporter//9.7e-52:322:88//Hs.66710:X96969
 F-HEMBB1001973//Myelin oligodendrocyte glycoprotein {alternative products}//2.1e-48:426:
 50 78//Hs.53217:Z48051
 F-HEMBB1001983
 55 F-HEMBB1001988//ESTs//6.5e-05:237:63//Hs.49760:AA741051
 F-HEMBB1001990//ESTs//0.25:171:64//Hs.7961:AA401205

EP 1 074 617 A2

F-HEM BB1001996//ESTs//1.8e-19:436:65//Hs.125539:AI339103

5 F-HEM BB1001997//EST//5.3e-33:294:76//Hs.161041:H82636

F-HEM BB1002002//ESTs//1.9e-06:224:67//Hs.110915:AA132964

10 F-HEM BB1002005//ESTs//5.8e-17:170:78//Hs.141825:AA017093

F-HEM BB1002009//ESTs//0.066:441:58//Hs.125313:AI201685

15 F-HEM BB1002015//EST//2.3e-18:310:68//Hs.145899:AI274951

F-HEM BB1002042//CYTOCHROME P450 IVB1//2.9e-11:446:62//Hs.687:X16699

20 F-HEM BB1002043//ESTs, Weakly similar to T06E6.d [C.elegans]//1.0:217:60//Hs.3487:AA425553

F-HEM BB1002044

25 F-HEM BB1002045

F-HEM BB1002049//Homo sapiens mRNA for KIAA0713 protein, partial cds//0.082:201:61//Hs.88756:AB018256

30 F-HEM BB1002050//Breakpoint cluster region protein BCR//0.84:267:59//Hs.2557:Y00661

35 F-HEM BB1002068//Homo sapiens mRNA for KIAA0612 protein, partial cds//8.1e-07:402:61//Hs.112499:AB014512

F-HEM BB1002069

40 F-HEM BB1002092//EST//5.1e-15:180:75//Hs.127928:AA969239

F-HEM BB1002094//EST//2.0e-52:264:98//Hs.71763:AA146625

45 F-HEM BB1002115//EST//0.0083:244:64//Hs.125353:AA877080

F-HEM BB1002134//ESTs//1.7e-69:398:91//Hs.157492:AI361027

50 F-HEM BB1002139//ESTs//0.64:145:71//Hs.157821:AI362013

F-HEM BB1002142//ESTs//0.013:311:59//Hs.150037:AI292214

55 F-HEM BB1002152//ESTs//8.4e-12:121:82//Hs.119540:T95254

EP 1 074 617 A2

F-HEM BB1002189//EST//0.26:81:70//Hs.147726:AI220208

5 F-HEM BB1002190//Alcohol dehydrogenase 2 (class I), beta polypeptide//0.16:608:58//Hs.4:
X03350

10 F-HEM BB1002193//Human sky mRNA for Sky, complete cds//6.6e-35:179:100//Hs.301:
U18934

F-HEM BB1002217//Homo sapiens mRNA for zinc finger protein 10//3.7e-25:405:
67//Hs.104115:X52332

15 F-HEM BB1002218//EST//0.015:241:61//Hs.105298:AA489813

F-HEM BB1002232//Small inducible cytokine A5 (RANTES)//9.0e-31:365:71//Hs.155464:
AF088219

20 F-HEM BB1002247

F-HEM BB1002249//Homo sapiens haemopoietic progenitor homeobox HPX42B (HPX42B)
25 mRNA, complete cds//6.8e-47:418:77//Hs.125231:AF068006

F-HEM BB1002254//Homo sapiens mRNA for KIAA0594 protein, partial cds//5.0e-47:437:
77//Hs.154872:AB011166

30 F-HEM BB1002255//ESTs//0.017:255:61//Hs.126786:U74314

F-HEM BB1002266//Homo sapiens retinoblastoma-associated protein HEC mRNA, complete
35 cds//0.17:511:57//Hs.58169:AF017790

F-HEM BB1002280//EST//4.0e-35:182:98//Hs.127701:AA864998

40 F-HEM BB1002300

F-HEM BB1002306//Human G protein-coupled receptor (STRL22) mRNA, complete cds//6.3e-
45 14:228:72//Hs.46468:U45984

F-HEM BB1002327//EST//4.3e-21:242:75//Hs.72377:AA161083

50 F-HEM BB1002329//ESTs, Weakly similar to C17G10.1 [C.elegans]//1.7e-77:399:
96//Hs.105837:AA536054

F-HEM BB1002340//INSULIN-DEGRADING ENZYME//1.0:319:60//Hs.1508:M21188

55 F-HEM BB1002342//Homo sapiens mRNA for putative thioredoxin-like protein//1.4e-155:724:
98//Hs.42644:AJ010841

EP 1 074 617 A2

F-HEM BB1002358//Deoxythymidylate kinase//1.1e-37:192:98//Hs.79006:L16991

5 F-HEM BB1002359//Human Rev interacting protein Rip-1 mRNA, complete cds//1.7e-06:66:96//Hs.154762:U00943

F-HEM BB1002364//EST//4.7e-16:201:73//Hs.149925:AI288838

10 F-HEM BB1002371//EST//2.4e-07:319:61//Hs.136459:AA577796

F-HEM BB1002381

15 F-HEM BB1002383//vasoactive intestinal peptide receptor 2//0.98:190:63//Hs.2126:L36566

F-HEM BB1002387//EST//2.1e-07:253:61//Hs.145993:AI277784

20 F-HEM BB1002409//ESTs//1.4e-11:94:91//Hs.125958:AI206456

F-HEM BB1002415//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0501//2.0e-32:371:73//Hs.159897:AB007970

25

F-HEM BB1002425//Fc fragment of IgA, receptor for//2.7e-32:156:82//Hs.54486:X54150

F-HEM BB1002442

30

F-HEM BB1002453//Human mRNA for KIAA0118 gene, partial cds//5.6e-53:461:77//Hs.154326:D42087

35 F-HEM BB1002457//ESTs//3.4e-25:184:70//Hs.140225:AA704101

F-HEM BB1002458//ESTs//7.0e-10:343:62//Hs.163816:N76274

40 F-HEM BB1002477//Human Grb2-associated binder-1 mRNA, complete cds//6.0e-89:493:92//Hs.159605:U43885

45 F-HEM BB1002489//Homo sapiens 195 kDa cornified envelope precursor mRNA, complete cds//0.019:228:63//Hs.74304:AF001691

F-HEM BB1002492//EST//0.24:149:62//Hs.146790:AI149051

50 F-HEM BB1002495//Fc fragment of IgE, high affinity I, receptor for; beta polypeptide//1.3e-22:331:71//Hs.30:M89796

55 F-HEM BB1002502//ESTs//1.3e-41:380:78//Hs.61199:AA024494

F-HEM BB1002509//ESTs//0.017:220:63//Hs.155263:AI273725

EP 1 074 617 A2

F-HEM BB1002510//ESTs//6.4e-102:476:99//Hs.152289:AI247354

5 F-HEM BB1002520//Human Line-1 repeat mRNA with 2 open reading frames//2.4e-50:580:72//Hs.23094:M19503

F-HEM BB1002522//EST//0.010:172:62//Hs.147224:AI205719

10 F-HEM BB1002531

F-HEM BB1002534//Small inducible cytokine A5 (RANTES)//3.7e-59:258:88//Hs.155464:AF088219

15

F-HEM BB1002545//ESTs//3.9e-24:181:86//Hs.13753:AI088102

F-HEM BB1002550//Syntaxin 5A//0.27:354:59//Hs.154546:U26648

20

F-HEM BB1002556//ESTs//1.7e-33:286:79//Hs.146173:AA906191

F-HEM BB1002579//EST//1.0:77:68//Hs.147935:AI250286

25

F-HEM BB1002582//ESTs//0.00032:178:68//Hs.139163:AA226095

F-HEM BB1002590//ESTs//0.64:132:63//Hs.155688:AI003657

30

F-HEM BB1002596//ESTs//3.4e-19:462:64//Hs.124399:AA832336

F-HEM BB1002600//Homo sapiens tetraspan NET-5 mRNA, complete cds//3.0e-152:710:98//Hs.129826:AF089749

35

F-HEM BB1002601//EST//9.6e-13:368:62//Hs.137080:AA894817

40

F-HEM BB1002603//EST//0.10:144:63//Hs.158180:AI367945

F-HEM BB1002607//ESTs//0.024:345:62//Hs.143304:AI084058

45

F-HEM BB1002610//EST//2.1e-14:291:64//Hs.140573:AA826323

F-HEM BB1002613//ESTs//1.9e-17:192:75//Hs.141161:AA210711

50

F-HEM BB1002614//ESTs//0.0048:136:71//Hs.106280:R13901

F-HEM BB1002617//EST//0.034:320:59//Hs.41223:H89127

55

F-HEM BB1002623//ESTs//0.88:222:60//Hs.129920:AA167217

F-HEM BB1002635//Human MAP kinase mRNA, complete cds//3.1e-23:127:100//Hs.151051:

EP 1 074 617 A2

U07620

- 5 F-HEMBB1002664//EST//0.00013:203:61//Hs.117141:AA678811
- F-HEMBB1002677//ESTs//2.4e-22:439:66//Hs.132046:AA693680
- 10 F-HEMBB1002683//ESTs//0.23:224:61//Hs.128883:AI026679
- F-HEMBB1002684//ESTs//7.2e-09:82:87//Hs.140457:H05124
- 15 F-HEMBB1002686//EST//0.25:189:62//Hs.132431:AA909674
- F-HEMBB1002692//ESTs//0.00020:162:66//Hs.118180:N68504
- 20 F-HEMBB1002697//EST//7.2e-17:219:74//Hs.100459:T61992
- F-HEMBB1002699//Homo sapiens transmembrane activator and CAML interactor (TACI) mRNA, complete cds//0.059:297:62//Hs.158341:AF023614
- 25 F-HEMBB1002702//ESTs//0.26:284:61//Hs.41250:H89588
- F-HEMBB1002705//ESTs, Weakly similar to HYPOTHETICAL 38.5 KD PROTEIN IN SUI2-TDH2 INTERGENIC REGION [Saccharomyces cerevisiae]//0.0048:84:83//Hs.20814:AI242922
- 30 F-HEMBB1002712//ESTs//0.0025:317:58//Hs.7344:AA972729
- F-MAMMA1000009//Human c-yes-1mRNA//1.0e-48:447:77//Hs.75680:M15990
- 35 F-MAMMA1000019
- F-MAMMA1000020//EST//2.6e-84:431:95//Hs.143333:H51750
- 40 F-MAMMA1000025//EST//1.0:169:59//Hs.130165:AA906945
- F-MAMMA1000043//Human NSCL-1 mRNA sequence//0.94:262:60//Hs.30956:M96739
- 45 F-MAMMA1000045//ESTs//1.7e-48:499:75//Hs.158469:AA897461
- 50 F-MAMMA1000055//ESTs, Highly similar to TESTIN 2 PRECURSOR [Mus musculus]//2.7e-18:330:63//Hs.59906:AA001281
- F-MAMMA1000057//Homo sapiens DNA fragmentation factor 40 kDa subunit (DFF40) mRNA, complete cds//1.2e-50:367:75//Hs.133089:AF064019
- 55 F-MAMMA1000069//ESTs//0.58:286:60//Hs.134417:AI336840

EP 1 074 617 A2

F-MAMMA1000084//Human mRNA for KIAA0033 gene, partial cds//1.1e-48:641:70//Hs.22271:D26067

5 F-MAMMA1000085//Homo sapiens mRNA for KIAA0602 protein, partial cds//0.00013:199:69//Hs.37656:AB011174

10 F-MAMMA1000092//Homo sapiens telomeric repeat binding factor (TRF1) mRNA, complete cds//1.2e-52:346:77//Hs.90357:U40705

F-MAMMA1000103//Homo sapiens mRNA for extracellular matrix protein, complete cds//1.0:151:64//Hs.35094:AB011792

15 F-MAMMA1000117

20 F-MAMMA1000129//RYANODINE RECEPTOR, SKELETAL MUSCLE//0.0015:492:60//Hs.89631:U48508

F-MAMMA1000133//ESTs//1.0:125:67//Hs.118309:AA653402

25 F-MAMMA1000134//EST//1.2e-08:75:92//Hs.160674:AI248319

F-MAMMA1000139//EST//5.5e-10:139:76//Hs.159121:AI383843

30 F-MAMMA1000143//Homo sapiens mRNA for KIAA0685 protein, complete cds//2.2e-26:148:97//Hs.153121:AB014585

35 F-MAMMA1000155//Homo sapiens homeobox transcription factor barx2 (BARX2) mRNA, complete cds//3.3e-31:219:87//Hs.129724:AF031924

F-MAMMA1000163//ESTs//1.2e-59:317:94//Hs.49559:AA401050

40 F-MAMMA1000171//ESTs//1.7e-09:161:69//Hs.119070:AA629695

45 F-MAMMA1000173//Human drebrin E2 mRNA (DBN1), complete cds//9.2e-40:686:65//Hs.89434:D17530

F-MAMMA1000175//ESTs//0.65:141:68//Hs.133152:H91657

50 F-MAMMA1000183//Human mRNA for KIAA0065 gene, partial cds//1.0e-92:904:72//Hs.70617:D31763

F-MAMMA1000198//ESTs//0.0092:235:62//Hs.98783:AI091739

55 F-MAMMA1000221//EST//3.3e-16:95:98//Hs.128271:AA973035

F-MAMMA1000227//ESTs//0.010:268:60//Hs.16412:AA506926

EP 1 074 617 A2

F-MAMMA1000241//ESTs//0.13:140:67//Hs.12328:AI377913

5 F-MAMMA1000251//EST//3.7e-07:118:73//Hs.153116:AA856873

F-MAMMA1000254//ESTs//0.00023:245:59//Hs.150513:AI247587

10 F-MAMMA1000257//EST//4.2e-10:155:74//Hs.150409:AI003543

F-MAMMA1000264//ESTs//2.0e-18:217:75//Hs.152748:N53015

15 F-MAMMA1000266//EST//0.14:270:60//Hs.132593:AI031874

F-MAMMA1000270//Human mRNA for KIAA0118 gene, partial cds//2.5e-54:354:87//Hs.154326:D42087

20 F-MAMMA1000277//Hydroxysteroid (11-beta) dehydrogenase 2//1.0e-07:306:65//Hs.1376:U26726

25 F-MAMMA1000278//ESTs//4.0e-09:197:67//Hs.157034:AI347361

F-MAMMA1000279//Complement component 5 receptor 1 (C5a ligand)//8.4e-34:341:68//Hs.2161:M62505

30 F-MAMMA1000284

F-MAMMA1000287//Human mRNA for KIAA0118 gene, partial cds//5.4e-50:245:84//Hs.154326:D42087

35 F-MAMMA1000302//EST//5.3e-40:213:98//Hs.122363:AA788641

40 F-MAMMA1000307//Polycystic kidney disease 1 (autosomal dominant)//0.55:510:57//Hs.75813:L33243

F-MAMMA1000309//Apolipoprotein E//9.7e-06:691:58//Hs.76260:M12529

45 F-MAMMA1000312//EST//0.042:183:63//Hs.158928:AI379519

F-MAMMA1000313

50 F-MAMMA1000331

F-MAMMA1000339

55 F-MAMMA1000340//ESTs, Highly similar to HYPOTHETICAL 29.4 KD PROTEIN IN STE6-LOS1 INTERGENIC REGION [Saccharomyces cerevisiae]//2.9e-11:87:93//Hs.13096:

EP 1 074 617 A2

AA180963

5 F-MAMMA1000348//Homo sapiens KIAA0432 mRNA, complete cds//3.6e-23:270:72//Hs.155174:AB007892

10 F-MAMMA1000356//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0484//3.7e-24:233:72//Hs.158095:AB007953

F-MAMMA1000360//Human Line-1 repeat mRNA with 2 open reading frames//9.0e-75:498:85//Hs.23094:M19503

15 F-MAMMA1000361//Human mRNA for KIAA0118 gene, partial cds//9.1e-50:304:85//Hs.154326:D42087

20 F-MAMMA1000372//EST//1.2e-53:376:86//Hs.144295:AA136569

F-MAMMA1000385//ESTs//1.4e-22:220:76//Hs.142552:AA235344

25 F-MAMMA1000388//Homo sapiens UKLF mRNA for ubiquitous Kruppel like factor, complete cds//1.2e-149:710:98//Hs.32170:AB015132

30 F-MAMMA1000395//Acyl-Coenzyme A dehydrogenase, very long chain//0.74:330:60//Hs.82208:L46590

F-MAMMA1000402//Human Line-1 repeat mRNA with 2 open reading frames//2.4e-58:834:68//Hs.23094:M19503

35 F-MAMMA1000410//Human NADH:ubiquinone oxidoreductase subunit B13 (B13) mRNA, complete cds//1.2e-08:117:84//Hs.83916:U53468

40 F-MAMMA1000413//ESTs//3.3e-31:209:88//Hs.146154:AI200725

F-MAMMA1000414//ESTs//0.82:132:62//Hs.124857:AA687092

45 F-MAMMA1000416//ESTs, Weakly similar to HYPOTHETICAL 32.0 KD PROTEIN C09F5.2 IN CHROMOSOME III [C.elegans]//9.8e-33:267:81//Hs.32370:AA521111

F-MAMMA1000421//ESTs//7.3e-33:320:75//Hs.121659:H02532

50 F-MAMMA1000422//Homo sapiens protocadherin (PCDH8) mRNA, complete cds//0.98:553:56//Hs.19492:AF061573

55 F-MAMMA1000423//EST//0.0075:179:63//Hs.162974:AA678459

F-MAMMA1000424//ESTs//1.3e-17:313:67//Hs.139858:AI377641

EP 1 074 617 A2

F-MAMMA1000429//Homo sapiens sorting nexin 3 (SNX3) mRNA, complete cds//5.1e-48:491:72//Hs.12102:AF034546

5 F-MAMMA1000431//ISLET AMYLOID POLYPEPTIDE PRECURSOR//5.1e-39:320:81//Hs.51048:X68830

10 F-MAMMA1000444//Homo sapiens mRNA for KIAA0594 protein, partial cds//9.1e-39:342:78//Hs.154872:AB011166

F-MAMMA1000446

15 F-MAMMA1000458//ESTs, Weakly similar to similar to CCAAT/enhancer-binding protein [C.elegans]//5.1e-08:58:93//Hs.9043:W21827

20 F-MAMMA1000468//Homo sapiens mRNA for 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase, complete cds//0.58:311:63//Hs.66721:D49818

25 F-MAMMA1000472//ISLET AMYLOID POLYPEPTIDE PRECURSOR//2.1e-44:346:80//Hs.51048:X68830

F-MAMMA1000478//Homo sapiens PYRIN (MEFV) mRNA, complete cds//0.0017:157:73//Hs.113283:AF018080

30 F-MAMMA1000483//ISLET AMYLOID POLYPEPTIDE PRECURSOR//4.5e-39:400:75//Hs.51048:X68830

35 F-MAMMA1000490//ESTs//3.6e-52:331:88//Hs.163686:AA291948

F-MAMMA1000500//EST//9.7e-73:346:99//Hs.98812:AA434482

40 F-MAMMA1000501//Small inducible cytokine A5 (RANTES)//2.3e-50:325:86//Hs.155464:AF088219

F-MAMMA1000516//Oxytocin receptor//1.6e-29:660:64//Hs.2820:X64878

45 F-MAMMA1000522//ESTs//2.9e-23:328:70//Hs.125142:AA421352

F-MAMMA1000524//ESTs//1.1e-08:211:65//Hs.33467:R85497

50 F-MAMMA1000559//EST//4.7e-17:207:71//Hs.162733:AA614352

F-MAMMA1000565

55 F-MAMMA1000567//Homo sapiens haemopoietic progenitor homeobox HPX42B (HPX42B) mRNA, complete cds//5.8e-51:404:80//Hs.125231:AF068006

EP 1 074 617 A2

F-MAMMA1000576//ESTs//3.8e-32:236:74//Hs.140039:AA047045

F-MAMMA1000583//ESTs//0.00099:123:70//Hs.135173:AI276780

5

F-MAMMA1000585//Homo sapiens class-I MHC-restricted T cell associated molecule (CRTAM) mRNA, complete cds//8.8e-45:390:78//Hs.159523:AF001622

10

F-MAMMA1000594//ESTs//8.3e-42:322:81//Hs.161660:AA167744

F-MAMMA1000597//Homo sapiens KIAA0426 mRNA, complete cds//2.6e-37:592:68//Hs.97476:AB007886

15

F-MAMMA1000605//Homo sapiens 4F5S mRNA, complete cds//5.1e-26:228:73//Hs.32567:AF073519

20

F-MAMMA1000612//Homo sapiens Gx protein (GX) mRNA, complete cds//0.00091:300:60//Hs.29207:AF071494

F-MAMMA1000616//ESTs//0.41:373:59//Hs.130699:AA621478

25

F-MAMMA1000621//EST//0.027:146:62//Hs.148305:AA909605

F-MAMMA1000623

30

F-MAMMA1000625//Homo sapiens ES/130 mRNA, complete cds//0.89:428:56//Hs.98614:AF006751

35

F-MAMMA1000643//Homo sapiens nephrocystin (NPHP1) mRNA, partial cds//0.092:365:59//Hs.75474:AF023674

F-MAMMA1000664//ESTs//7.6e-07:259:64//Hs.140622:AA844353

40

F-MAMMA1000669//Human kpni repeat mrna (cdna clone pcd-kpni-4),3' end//9.0e-30:531:64//Hs.139107:K00629

45

F-MAMMA1000670//ESTs//6.6e-83:389:100//Hs.148595:AI244490

F-MAMMA1000672//Homo sapiens CAGH32 mRNA, partial cds//0.17:109:73//Hs.4316:U80743

50

F-MAMMA1000684//Homo sapiens forkhead protein FREAC-2 mRNA, complete cds//3.3e-07:249:62//Hs.44481:U13220

55

F-MAMMA1000696//Interleukin 10//5.6e-47:355:82//Hs.2180:M57627

F-MAMMA1000707//ESTs//1.4e-09:225:65//Hs.138722:N51081

EP 1 074 617 A2

- 5 F-MAMMA1000713//Acetylcholinesterase {I4-E5 doman} [human, tumor cell lines, Genomic,
847 nt]//0.16:84:72//Hs.157124:S71129
- F-MAMMA1000714//Human clone 23947 mRNA, partial cds//0.97:263:6//Hs.27414:U79275
- 10 F-MAMMA1000718//ESTs, Weakly similar to putative p150 [H.sapiens]//5.0e-07:210:
66//Hs.71148:AA854648
- F-MAMMA1000720//ESTs//1.4e-50:301:83//Hs.138852:AA284247
- 15 F-MAMMA1000723//ESTs, Weakly similar to ORF2-like protein [H.sapiens]//8.1e-22:288:
72//Hs.114685:AA700024
- F-MAMMA1000731//Homo sapiens CHD1 mRNA, complete cds//1.5e-23:292:66//Hs.22670:
20 AF006513
- F-MAMMA1000732//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0484//4.8e-
40:288:78//Hs.158095:AB007953
- 25 F-MAMMA1000733//RAS GTPASE-ACTIVATING-LIKE PROTEIN IQGAP1//0.25:467:
58//Hs.1742:L33075
- 30 F-MAMMA1000734//Homo sapiens SEC63 (SEC63) mRNA, complete cds//2.3e-169:802:
98//Hs.31575:AF100141
- F-MAMMA1000738//EST//1.0:149:63//Hs.136928:AA812580
- 35 F-MAMMA1000744//Homo sapiens mRNA for KIAA0575 protein, complete cds//3.3e-51:323:
88//Hs.153468:AB011147
- 40 F-MAMMA1000746//ESTs//2.3e-42:409:76//Hs.61199:AA024494
- F-MAMMA1000752//EST, Weakly similar to putative p150 [H.sapiens]//1.1e-14:285:
68//Hs.162011:AA513663
- 45 F-MAMMA1000760//Myelin oligodendrocyte glycoprotein {alternative products}//6.2e-47:341:
82//Hs.53217:Z48051
- 50 F-MAMMA1000761//ESTs, Moderately similar to !!!! ALU SUBFAMILY SX WARNING ENTRY !!!!
[H.sapiens]//9.8e-19:131:76//Hs.118972:AA761369
- F-MAMMA1000775//EST//6.9e-32:424:69//Hs.44554:N34288
- 55 F-MAMMA1000776//ESTs//5.5e-43:154:84//Hs.141581:AA315361

EP 1 074 617 A2

F-MAMMA1000778//EST//4.4e-28:226:80//Hs.128952:AA984114

F-MAMMA1000782//ESTs//0.35:270:60//Hs.29153:AA551137

5 F-MAMMA1000798//Homo sapiens clone 24407 mRNA sequence//1.6e-23:531:65//Hs.12432:AF070575

10 F-MAMMA1000802//ESTs//3.1e-67:340:97//Hs.126081:AA459849

F-MAMMA1000824//ESTs//0.98:44:90//Hs.42802:N20130

15 F-MAMMA1000831//ESTs//0.0081:194:60//Hs.150400:AI298089

F-MAMMA1000839//Small inducible cytokine A5 (RANTES)//4.7e48:241:74//Hs.155464:AF088219

20 F-MAMMA1000841

F-MAMMA1000842//Human monocytic leukaemia zinc finger protein (MOZ) mRNA, complete cds//0.18:483:59//Hs.82210:U47742

25 F-MAMMA1000843//EST//0.34:113:68//Hs.58415:W74696

30 F-MAMMA1000845//EST//2.9e-06:56:80//Hs.123243:AA804877

F-MAMMA1000851//EST//0.78:103:65//Hs.135656:AA907022

35 F-MAMMA1000855

F-MAMMA1000856//Homo sapiens preprocathepsin P mRNA, partial cds//0.14:320:59//Hs.71388:AF032906

40 F-MAMMA1000859//SOX-3 PROTEIN//0.014:474:57//Hs.157429:X71135

F-MAMMA1000862//EST//1.0:92:66//Hs.157599:AI357342

45 F-MAMMA1000863//ELK1, member of ETS oncogene family//1.2e-30:214:75//Hs.116549:AL009172

50 F-MAMMA1000865//ESTs//0.99:127:66//Hs.125230:AA873812

F-MAMMA1000867//EST//0.027:236:60//Hs.147156:AI191777

55 F-MAMMA1000875//Human mRNA for KIAA0269 gene, complete cds//0.96:245:59//Hs.75850:D87459

EP 1 074 617 A2

F-MAMMA1000876//ESTs//1.5e-39:192:90//Hs.132020:AA704147

5 F-MAMMA1000877//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!!
[H.sapiens]//1.4e-91:484:94//Hs.138938:AA012894

F-MAMMA1000880//EST//0.014:142:66//Hs.137044:AA878812

10 F-MAMMA1000883//EST//1.0:166:62//Hs.126352:AA894465

F-MAMMA1000897//H.sapiens mRNA for inter-alpha-trypsin inhibitor heavy chain H3//2.6e-06:
211:63//Hs.76716:X67055

15 F-MAMMA1000905//Cartilage matrix protein//0.97:190:64//Hs.150366:M55683

F-MAMMA1000906//ESTs//3.0e-07:145:72//Hs.133556:AA702506

20 F-MAMMA1000908//ESTs//1.1e-70:484:84//Hs.142497:AA189081

F-MAMMA1000914//Angiopoietin 1//0.14:450:59//Hs.2463:D13628

25 F-MAMMA1000921//ESTs//6.8e-96:448:99//Hs.135721:AI125239

F-MAMMA1000931//CD4 receptor {exons 1 and 2} [human, T-lymphocyte, mRNA, 3429
30 nt]//1.0e-25:312:66//Hs.116007:S79267

F-MAMMA1000940//EST//2.9e-42:209:76//Hs.140567:AA825968

35 F-MAMMA1000941//Dihydrolipoamide branched chain transacylase (E2 component of
branched chain keto acid dehydrogenase complex)//1.8e-38:395:71//Hs.89479:X66785

F-MAMMA1000942//ESTs//1.9e-19:252:71//Hs.141575:AA211734

40 F-MAMMA1000943//Human mRNA for KIAA0305 gene, complete cds//0.077:236:
63//Hs.83790:AB002303

45 F-MAMMA1000956//Homo sapiens hRVP1 mRNA for RVP1, complete cds//8.8e-33:566:
64//Hs.25640:AB000714

50 F-MAMMA1000957//ESTs//1.0:177:59//Hs.149864:N80474

F-MAMMA1000962//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete
cds//1.1e-56:310:85//Hs.129735:AF010144

55 F-MAMMA1000968//ESTs//9.2e-18:128:89//Hs.163980:AA715814

F-MAMMA1000975//ESTs//3.8e-08:219:66//Hs.110937:AA137096

EP 1 074 617 A2

F-MAMMA1000979//EST//0.00022:155:65//Hs.101379:Z39802

5 F-MAMMA1000987//EST//1.1e-48:373:81//Hs.139034:W27062

F-MAMMA1000998//EST//2.0e-07:356:62//Hs.132467:AA922007

10 F-MAMMA1001003//ESTs//0.47:129:67//Hs.164016:AI003724

F-MAMMA1001008//ESTs//1.9e-17:153:82//Hs.141161:AA210711

15 F-MAMMA1001021//Homo sapiens beta-dystrobrevin (BDTN) mRNA, complete cds//4.7e-17:100:100//Hs.13451:Y15718

F-MAMMA1001024//ESTs//0.97:251:62//Hs.59389:R93968

20 F-MAMMA1001030//Homo sapiens orphan G protein-coupled receptor HG38 mRNA, complete cds//3.6e-32:753:61//Hs.98384:AF062006

25 F-MAMMA1001035//ESTs//6.9e-28:268:77//Hs.139536:AA180857

F-MAMMA1001038

30 F-MAMMA1001041//ALPHA-ACTININ 1, CYTOSKELETAL ISOFORM//2.7e-10:357:65//Hs.119000:M95178

F-MAMMA1001050//EST//1.8e-29:321:74//Hs.161240:AI419882

35 F-MAMMA1001059//ESTs, Weakly similar to protein synthesis initiation factor 4A-II homolog//7.9e-87:415:99//Hs.135623:AA134719

40 F-MAMMA1001067//EST//0.30:166:60//Hs.148441:AI198503

F-MAMMA1001073//ESTs//1.0e-98:476:98//Hs.98321:AA455585

45 F-MAMMA1001074//ESTs//1.6e-82:396:98//Hs.118923:AA252116

F-MAMMA1001075//Homo sapiens (clone F4) transmembrane protein mRNA sequence//3.7e-29:559:65//Hs.135251:L09749

50 F-MAMMA1001078//Human Line-1 repeat mRNA with 2 open reading frames//2.7e-99:689:83//Hs.23094:M19503

55 F-MAMMA1001080//IG ALPHA-2 CHAIN C REGION//5.8e-43:319:81//Hs.32225:AF067420

F-MAMMA1001082//ESTs//6.2e-28:275:77//Hs.152685:AA613896

EP 1 074 617 A2

- 5 F-MAMMA1001091//Homo sapiens mRNA for KIAA0711 protein, complete cds//0.0081:586:57//Hs.5333:AB018254
- F-MAMMA1001092//Human kpni repeat mrna (cdna clone pcd-kpni-8), 3' end//5.1e-24:328:72//Hs.103948:K00627
- 10 F-MAMMA1001105//Homo sapiens OVO-like 1 binding protein (OVOL1) mRNA, complete cds//2.1e-24:507:66//Hs.97905:AF016045
- 15 F-MAMMA1001110//Human mRNA for KIAA0125 gene, complete cds//0.94:448:57//Hs.38365:D50915
- F-MAMMA1001126//Small inducible cytokine A5 (RANTES)//4.6e-18:123:85//Hs.155464:AF088219
- 20 F-MAMMA1001133
- F-MAMMA1001139
- 25 F-MAMMA1001143//ESTs//2.6e-18:121:82//Hs.135117:AI091534
- F-MAMMA1001145//ESTs//1.5e-36:442:69//Hs.124712:H90217
- 30 F-MAMMA1001154//EST//0.054:208:61//Hs.162088:AA505741
- F-MAMMA1001161//Homo sapiens mRNA for KIAA0575 protein, complete cds//6.6e-38:337:77//Hs.153468:AB011147
- 35 F-MAMMA1001162//EST//4.7e-16:117:90//Hs.130894:AI014299
- 40 F-MAMMA1001181
- F-MAMMA1001186//Human macrophage-derived chemokine precursor (MDC) mRNA, complete cds//6.5e-47:313:81//Hs.97203:U83171
- 45 F-MAMMA1001191//ESTs//5.8e-34:197:94//Hs.121575:AA758083
- F-MAMMA1001198
- 50 F-MAMMA1001202//ESTs//1.5e-37:210:83//Hs.79788:AA527348
- F-MAMMA1001203//ESTs//1.2e-29:199:76//Hs.141605:H92974
- 55 F-MAMMA1001206//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//5.5e-25:275:75//Hs.105292:AA504776

EP 1 074 617 A2

F-MAMMA1001215//ESTs//1.9e-06:300:63//Hs.113566:T03200

5 F-MAMMA1001220//Human mRNA for KIAA0118 gene, . partial cds//2.7e-53:367:84//Hs.154326:D42087

10 F-MAMMA1001222//Homo sapiens mRNA for KIAA0634 protein, partial cds//1.8e-05:435:59//Hs.30898:AB014534

F-MAMMA1001243//ESTs//5.2e-19:118:94//Hs.122830:AA765587

15 F-MAMMA1001244

F-MAMMA1001249//ESTs//1.3e-89:420:99//Hs.147744:AI220476

20 F-MAMMA1001256//ESTs//2.1e-34:282:80//Hs.46158:AI160121

F-MAMMA1001259//ESTs//2.9e-07:68:95//Hs.6193:AA045149

25 F-MAMMA1001260//Homo sapiens mRNA for KIAA0661 protein, complete cds//2.8e-41:659:64//Hs.65238:AB014561

30 F-MAMMA1001268//Human Line-1 repeat mRNA with 2 open reading frames//1.7e-33:336:74//Hs.23094:M19503

35 F-MAMMA1001271//Homo sapiens CAGH3 mRNA, complete cds//3.4e-06:487:59//Hs.21858:U80747

F-MAMMA1001274//Human mRNA for KIAA0080 gene, partial cds//5.1e-62:396:76//Hs.74554:D38522

40 F-MAMMA1001280//ESTs//7.3e-14:273:67//Hs.126503:AA913832

45 F-MAMMA1001292//Human mRNA for KIAA0176 gene, partial cds//5.6e-54:616:71//Hs.4935:D79998

F-MAMMA1001296//ESTs//4.8e-34:136:85//Hs.70279:AA757426

50 F-MAMMA1001298//ESTs//0.021:73:80//Hs.114233:N91305

55 F-MAMMA1001305//Human DNA sequence from PAC 127B20 on chromosome 22q11.2-qter, contains gene for GTPase-activating protein similar to rhoGAP protein. ribosomal protein L6 pseudogene, ESTs and CA repeat//1.9e-58:295:97//Hs.102336:Z83838

F-MAMMA1001322//ESTs//9.4e-18:221:74//Hs.139132:AA211087

EP 1 074 617 A2

F-MAMMA1001324//Human endogenous retrovirus pHE.1 (ERV9)//6.7e-75:745:73//Hs.93174:
X57147

5 F-MAMMA1001330//ESTs//2.6e-26:169:91//Hs.4209:AA205806

F-MAMMA1001341//ESTs//0.10:267:62//Hs.155922:AI147197

10 F-MAMMA1001343//ESTs//0.0024:323:62//Hs.119238:AA476267

F-MAMMA1001346//Homo sapiens mRNA for KIAA0715 protein, partial cds//0.94:89:
75//Hs.109358:AB018258

15 F-MAMMA1001383//Putative mismatch repair/binding protein hMSH3//7.3e-49:273:
80//Hs.42674:U61981

20 F-MAMMA1001388//INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN COMPLEX ACID
LABILE CHAIN PRECURSOR//4.6e-09:415:58//Hs.839:M86826

25 F-MAMMA1001397//Prostaglandin I2 (prostacyclin) synthase //1.3e-26:358:67//Hs.61333:
D83402

F-MAMMA1001408//ESTs//7.2e-06:123:72//Hs.26753:R60763

30 F-MAMMA1001411//Autosomal dominant polycystic kidney disease type II//1.0:176:
64//Hs.82001:U50928

35 F-MAMMA1001419//Homo sapiens KIAA0395 mRNA, partial cds//4.1e-45:409:80//Hs.43681:
AL022394

40 F-MAMMA1001420//Homo sapiens mRNA for alpha(1,2)fucosyltransferase, complete
cds//0.00042:125:75//Hs.46328:D87942

F-MAMMA1001435//Human HsLIM15 mRNA for HsLim15, complete cds//8.2e-43:543:
71//Hs.37181:D64108

45 F-MAMMA1001442//ESTs//7.9e-15:103:92//Hs.25780:R51321

F-MAMMA1001446//ESTs//3.5e-44:292:73//Hs.111583:AA463590

50 F-MAMMA1001452//ESTs//0.73:152:65//Hs.163766:AI424040

F-MAMMA1001465//ESTs//1.0e-15:201:75//Hs.8836:AA181053

55 F-MAMMA1001476//Human mRNA for 5'-terminal region of UMK, complete cds//2.0e-24:273:
72//Hs.75939:D78335

EP 1 074 617 A2

F-MAMMA1001487//ESTs, Weakly similar to ORF2-like protein [H.sapiens]//3.2e-25:397:68//Hs.116874:AA524909

5 F-MAMMA1001501//CALPAIN 1, LARGE//3.1e-53:438:81//Hs.2575:X04366

F-MAMMA1001502//Human p120E4F transcription factor mRNA, complete cds//0.99:258:61//Hs.154196:U87269

10

F-MAMMA1001510//ESTs//8.7e-09:380:61//Hs.118701:AA420795

F-MAMMA1001522//ESTs//7.1e-44:321:80//Hs.120170:AI018506

15

F-MAMMA1001547

F-MAMMA1001551//Homo sapiens mRNA for KIAA0462 protein, partial cds//7.5e-130:614:98//Hs.129937:AB007931

20

F-MAMMA1001575//ESTs, Weakly similar to zinc finger protein C2H2-171 [H.sapiens]//0.71:181:62//Hs.118866:AI017072

25

F-MAMMA1001576//Tubulin, gamma polypeptide//5.7e-97:529:91//Hs.150785:M61764

F-MAMMA1001590//EST//1.7e-13:94:92//Hs.95900:AA160339

30

F-MAMMA1001600//EST//1.0e-08:81:87//Hs.149220:AI247132

F-MAMMA1001604//EST//0.0070:157:62//Hs.162516:AA583375

35

F-MAMMA1001606//Human clone 23627 mRNA, complete cds//0.64:336:58//Hs.23642:U79266

40

F-MAMMA1001620//ESTs//6.8e-16:99:79//Hs.164052:AA836152

F-MAMMA1001627//Pregnancy-associated plasma protein A//0.27:379:58//Hs.158229:U28727

45

F-MAMMA1001630//Human DNA sequence from clone 71L16 on chromosome Xp11. Contains a probable Zinc Finger protein (pseudo)gene, an unknown putative gene, a pseudogene with high similarity to part of antigen KI-67, a putative Chondroitin 6-Sulfotransferase LIKE gene and a KIAA0267 LIKE putative Na(+)/H(+) exchanger protein gene. Contains a predicted CpG island, ESTs, STSs and GSSs and genomic markers DXS1003 and DXS1055//1.4e-40:447:73//Hs.154353:AL022165

50

F-MAMMA1001633//Human zinc finger protein (LD5-1) mRNA, complete cds//3.6e-44:611:67//Hs.57679:U57796

55

EP 1 074 617 A2

F-MAMMA1001635

F-MAMMA1001649//ESTs//1.4e-47:238:99//Hs.124063:T75524

5

F-MAMMA1001654//Homo sapiens retinal rod Na-Ca+K exchanger (NCKX1) mRNA, complete cds//0.00069:140:68//Hs.59829:AB014602

10

F-MAMMA1001663//Homo sapiens mRNA for KIAA0448 protein, complete cds//0.015:135:71//Hs.27349:AB007917

15

F-MAMMA1001670//ESTs, Highly similar to 52 KD RO PROTEIN [Homo sapiens]//0.064:472:60//Hs.110819:AI027548

F-MAMMA1001671

20

F-MAMMA1001679//ESTs//0.94:55:83//Hs.152506:AA573317

F-MAMMA1001683//ESTs//1.6e-92:480:96//Hs.118496:AA036889

25

F-MAMMA1001686//ESTs//0.00019:171:66//Hs.140402:AI138765

F-MAMMA1001692//ESTs//0.97:104:70//Hs.27596:AI188549

30

F-MAMMA1001711//Human G protein-coupled receptor (STRL22) mRNA, complete cds//8.0e-45:323:83//Hs.46468:U45984

35

F-MAMMA1001715//ESTs//1.3e-14:188:72//Hs.130815:AA936548

F-MAMMA1001730//ESTs//0.048:198:65//Hs.116412:AA506926

40

F-MAMMA1001735//Human beta-tubulin class III isotype (beta-3) mRNA, complete cds//1.5e-111:725:84//Hs.159154:U47634

F-MAMMA1001740//EST//0.77:119:65//Hs.148140:AA887098

45

F-MAMMA1001743//ESTs//6.5e-27:195:72//Hs.163688:H48768

F-MAMMA1001744//EST//0.00019:134:70//Hs.146863:AI161245

50

F-MAMMA1001745//Human Line-1 repeat mRNA with 2 open reading frames//4.7e-67:822:69//Hs.23094:M19503

55

F-MAMMA1001751//Homo sapiens two P domain potassium channel subunit (HOHO1) mRNA, complete cds//1.0e-36:583:65//Hs.79351:U33632

F-MAMMA1001754//ESTs//5.1e-97:456:99//Hs.157928:AA775822

EP 1 074 617 A2

- F-MAMMA1001757//EST//0.042:177:63//Hs.144436:R07109
- 5 F-MAMMA1001760//Homo sapiens RET finger protein-like 1 antisense transcript, partial//6.6e-41:309:84//Hs.102576:AJ010230
- 10 F-MAMMA1001764//ESTs//0.057:290:60//Hs.68647:AA524072
- F-MAMMA1001768//Human transcription factor, forkhead related activator 4 (FREAC-4) mRNA, complete cds//2.2e-05:504:60//Hs.96028:AF042832
- 15 F-MAMMA1001769//Homo sapiens PYRIN (MEFV) mRNA, complete cds//1.1e-85:686:79//Hs.113283:AF018080
- 20 F-MAMMA1001771//Human semaphorin III family homolog mRNA, complete cds//0.00071:392:60//Hs.32981:U38276
- F-MAMMA1001783//ESTs//8.8e-23:206:79//Hs.142524:H02940
- 25 F-MAMMA1001785//ESTs//1.3e-52:270:97//Hs.61809:AA503549
- F-MAMMA1001788//Human kpni repeat mrna (cdna clone pcd-kpni-8), 3' end//6.7e-21:212:77//Hs.103948:K00627
- 30 F-MAMMA1001790//Homo sapiens KIAA0409 mRNA, partial cds//2.2e-06:139:72//Hs.5158:AB007869
- 35 F-MAMMA1001806//ESTs//6.4e-44:373:79//Hs.105665:H78987
- F-MAMMA1001812//ESTs//4.8e-83:407:97//Hs.98613:D83884
- 40 F-MAMMA1001815//EST//2.1e-56:374:85//Hs.141488:N47096
- F-MAMMA1001817//EST//8.6e-39:336:78//Hs.162236:AA551582
- 45 F-MAMMA1001818//EST//0.32:375:58//Hs.72729:AA167589
- F-MAMMA1001820//Homo sapiens cytokine-like factor-1 precursor (CLF-1) mRNA, complete cds//0.082:153:66//Hs.114948:AF059293
- 50 F-MAMMA1001824//EST//0.0013:195:63//Hs.129275:AA992742
- F-MAMMA1001836//ESTs//7.4e-52:283:95//Hs.92290:R78691
- 55 F-MAMMA1001837//Homo sapiens mRNA for zinc finger protein FPM315, complete cds//2.0e-29:641:62//Hs.56808:D88827

EP 1 074 617 A2

F-MAMMA1001848//ESTs//3.5e-53:264:99//Hs.116430:AA644665

5 F-MAMMA1001851//ESTs//0.00050:251:64//Hs.163776:AI393028

F-MAMMA1001854

10 F-MAMMA1001858//EST//1.0:113:68//Hs.132482:AA922218

F-MAMMA1001864//EST//1.3e-06:399:60//Hs.161500:N68060

15 F-MAMMA1001868//Homo sapiens nuclear receptor co-repressor N-CoR mRNA, complete
cds//0.084:672:58//Hs.152455:AF044209

F-MAMMA1001874//ESTs//0.97:292:58//Hs.24553:AI150687

20 F-MAMMA1001878

F-MAMMA1001880//ESTs//9.2e-09:277:62//Hs.15776:T91944

25 F-MAMMA1001890//EST//1.7e-85:440:97//Hs.128842:AA977576

F-MAMMA1001907//EST//2.7e-26:294:74//Hs.98794:AA434078

30 F-MAMMA1001908//ESTs//3.2e-109:505:100//Hs.146145:AI391521

F-MAMMA1001931//ESTs//1.0:108:67//Hs.126624:AA768874

35 F-MAMMA1001956//Apolipoprotein E//1.0:322:59//Hs.76260:M12529

F-MAMMA1001963//ESTs//0.84:320:60//Hs.6523:AA218859

40 F-MAMMA1001969//Homo sapiens clone 23892 mRNA sequence//3.6e-79:423:
81//Hs.91916:AF035317

45 F-MAMMA1001970//Oxytocin receptor//9.7e-31:626:64//Hs.2820:X64878

F-MAMMA1001992//EST, Weakly similar to reverse transcriptase [H.sapiens]//7.9e-09:150:
72//Hs.118222:N91115

50 F-MAMMA1002009//ESTs//2.2e-18:234:69//Hs.21978:AA009633

F-MAMMA1002011//ESTs//0.91:276:59//Hs.141196:AA704826

55 F-MAMMA1002032//ESTs//7.8e-40:344:77//Hs.141658:N77915

EP 1 074 617 A2

F-MAMMA1002033//ESTs//2.5e-30:293:76//Hs.139158:AA226159

5 F-MAMMA1002041//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0484//1.2e-54:455:70//Hs.158095:AB007953

F-MAMMA1002042//ESTs//1.4e-20:199:79//Hs.140913:R44580

10 F-MAMMA1002047//EST//4.2e-14:170:75//Hs.124348:AA830225

F-MAMMA1002056//EST//2.1e-49:414:80//Hs.162335:AA564256

15 F-MAMMA1002058//EST//4.7e-26:268:78//Hs.140520:AA809305

F-MAMMA1002068//Human Line-1 repeat mRNA with 2 open reading frames//8.5e-36:382:75//Hs.23094:M19503

20 F-MAMMA1002078

F-MAMMA1002082

25 F-MAMMA1002084//EST//0.37:351:59//Hs.46576:N46012

F-MAMMA1002093//Homo sapiens mRNA for ATP-dependent RNA helicase, partial//0.54:388:57//Hs.99423:AJ010840

30 F-MAMMA1002108//Loricrin//0.00066:410:56//Hs.155657:M61120

35 F-MAMMA1002118//EST//0.50:202:64//Hs.126872:AA932932

F-MAMMA1002125//Small inducible cytokine A5 (RANTES)//2.4e-39:272:86//Hs.155464:AF088219

40 F-MAMMA1002132//EST//6.4e-05:245:60//Hs.149361:AI272963

F-MAMMA1002140//ESTs//5.8e-33:212:77//Hs.141203:H52638

45 F-MAMMA1002143//SERUM PROTEIN MSE55//1.9e-12:192:70//Hs.148101:M88338

F-MAMMA1002145//EST//0.12:204:60//Hs.160983:AI392837

50 F-MAMMA1002153

F-MAMMA1002155//ESTs, Weakly similar to p40 [H.sapiens]//3.6e-67:335:97//Hs.88424:AA281385

55 F-MAMMA1002156//Integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61)//0.99:310:

EP 1 074 617 A2

58//Hs.87149:M35999

- 5 F-MAMMA1002158//EST//0.015:278:58//Hs.162666:AA605196
- F-MAMMA1002170//40S RIBOSOMAL PROTEIN S2//6.9e-82:573:82//Hs.119389:X17206
- 10 F-MAMMA1002174//Human NOF1 mRNA, complete cds//2.2e-42:375:78//Hs.75859:U39400
- F-MAMMA1002198//H.sapiens mRNA for thiol-specific antioxidant//3.3e-36:121:98//Hs.146354:Z22548
- 15 F-MAMMA1002209//ESTs//1.1e-84:409:98//Hs.139235:AA278362
- F-MAMMA1002215//Loricrin//0.0024:369:57//Hs.155657:M61120
- 20 F-MAMMA1002219//ESTs, Weakly similar to coded for by C. elegans cDNA yk52b10.3 [C.elegans]//9.5e-41:202:100//Hs.118849:AA215645
- F-MAMMA1002230//ESTs//0.92:253:60//Hs.4222:AI024063
- 25 F-MAMMA1002236//ESTs, Moderately similar to initiation factor eIF-2B gamma subunit [R.norvegicus]//4.6e-69:344:90//Hs.76822:AI359536
- 30 F-MAMMA1002243//Homo sapiens serine threonine kinase 11 (STK11) mRNA, complete cds//0.99:454:56//Hs.122755:AF032986
- F-MAMMA1002250//Human involucrin mRNA//0.0037:396:62//Hs.157091:M13903
- 35 F-MAMMA1002267//ESTs//2.0e-12:296:62//Hs.155686:AI308841
- F-MAMMA1002268//Human N-type calcium channel alpha-1 subunit mRNA, complete cds//1.2e-06:427:61//Hs.69949:M94172
- 40 F-MAMMA1002269
- 45 F-MAMMA1002282//ESTs//5.9e-65:342:95//Hs.13962:T72715
- F-MAMMA1002292//EST//0.0050:346:58//Hs.97639:AA398440
- 50 F-MAMMA1002293//Homo sapiens DNA fragmentation factor 40 kDa subunit (DFF40) mRNA, complete cds//2.8e-60:387:75//Hs.133089:AF064019
- 55 F-MAMMA1002294//Human growth/differentiation factor 1 (GDF-1) mRNA, complete cds//4.3e-07:349:64//Hs.92614:M62302
- F-MAMMA1002297//EST//0.98:98:68//Hs.148207:AA897460

EP 1 074 617 A2

- 5 F-MAMMA1002298//Paired basic amino acid cleaving system 4//0.0061:471:57//Hs.77234:AB001914
- F-MAMMA1002299//ESTs//1.0:162:68//Hs.134132:AA205935
- 10 F-MAMMA1002308//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!!
[H.sapiens]//6.9e-41:293:83//Hs.105292:AA504776
- F-MAMMA1002310//Homo sapiens serine protease-like protease (nes1) mRNA, complete
15 cds//0.0037:173:67//Hs.69423:AF055481
- F-MAMMA1002311//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487//1.8e-
41:473:65//Hs.92381:AB007956
- 20 F-MAMMA1002312//ESTs//0.0017:279:60//Hs.163773:AA806291
- F-MAMMA1002317//ESTs//1.0:131:64//Hs.66075:F08908
- 25 F-MAMMA1002319//Homo sapiens clone 24566 mRNA sequence//1.2e-28:410:
68//Hs.133342:AF070536
- F-MAMMA1002322//ESTs//1.2e-47:356:82//Hs.152413:AA780515
- 30 F-MAMMA1002329//Homo sapiens clone 24444 RaP2 interacting protein 8 (RPIP8) mRNA,
complete cds//0.0079:143:67//Hs.6755:AF055026
- 35 F-MAMMA1002332//Human kpni repeat mrna (cdna clone pcd-kpni-8), 3' end//1.2e-26:342:
72//Hs.103948:K00627
- F-MAMMA1002333//Homo sapiens mRNA for KIAA0711 protein, complete cds//6.8e-07:669:
40 58//Hs.5333:AB018254
- F-MAMMA1002339//H.sapiens mRNA for retrotransposon//3.2e-40:348:73//Hs.6940:Z48633
- 45 F-MAMMA1002347//EST, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!!
[H.sapiens]//3.9e-14:146:81//Hs.163073:R02591
- F-MAMMA1002351//ESTs//1.2e-74:371:96//Hs.111429:W28907
- 50 F-MAMMA1002352//EST//1.7e-09:198:68//Hs.149218:AI247086
- F-MAMMA1002353//ESTs//7.4e-15:163:77//Hs.157253:AI357539
- 55 F-MAMMA1002355//Homo sapiens KIAA0441 mRNA, complete cds//7.7e-47:307:
78//Hs.32511:AB007901

EP 1 074 617 A2

- F-MAMMA1002356//ESTs//0.012:380:58//Hs.105349:AA779733
- 5 F-MAMMA1002359//EST//1.1e-44:264:77//Hs.141095:H23818
- F-MAMMA1002360//ESTs//7.6e-15:200:70//Hs.19770:AA447830
- 10 F-MAMMA1002361//ESTs//2.5e-29:277:79//Hs.155115:AA669923
- F-MAMMA1002362//EST//0.25:304:58//Hs.1.62427:AA576345
- 15 F-MAMMA1002380//FACTOR VIII INTRON 22 PROTEIN//0.29:485:59//Hs.83363:M34677
- F-MAMMA1002384//ESTs//1.1 e-05:220:65//Hs.141388:R52022
- 20 F-MAMMA1002385//ESTs, Moderately similar to T11G6.8 [C.elegans]//8.4e-118:578:97//Hs.25516:AI086362
- F-MAMMA1002392//EST//0.85:319:57//Hs.126484:AA913624
- 25 F-MAMMA1002411//ESTs//0.00044:89:76//Hs.141685:AI142632
- F-MAMMA1002413//ESTs//0.0020:303:61//Hs.94903:W85737
- 30 F-MAMMA1002417//ESTs//1.4e-06:223:65//Hs.143695:AA662745
- F-MAMMA1002427//ESTs//5.4e-48:356:82//Hs.146811:AA410788
- 35 F-MAMMA1002428//EST//1.0:96:71//Hs.105130:AA482030
- F-MAMMA1002434//Human mRNA for KIAA0118 gene, partial cds//2.2e-52:370:83//Hs.154326:D42087
- 40 F-MAMMA1002446
- F-MAMMA1002454//ESTs//9.1e-50:163:100//Hs.80162:AA534809
- 45 F-MAMMA1002461//Human diacylglycerol kinase (DAGK) mRNA, complete cds//6.3e-06:595:59//Hs.99932:L38707
- 50 F-MAMMA1002470
- F-MAMMA1002475//Human MAP kinase activated protein kinase 2 mRNA, complete cds//0.018:417:58//Hs.75074:U12779
- 55 F-MAMMA1002480//ESTs//0.0015:258:62//Hs.132082:N67059

EP 1 074 617 A2

- 5 F-MAMMA1002485//Homo sapiens stanniocalcin-2 (STC-2) mRNA, complete cds//9.4e-120:
560:98//Hs.155223:AF055460
- F-MAMMA1002494//ESTs//2.4e-68:359:95//Hs.124652:AA857628
- 10 F-MAMMA1002498//ESTs, Weakly similar to hypothetical protein [H.sapiens]//4.0e-07:257:
63//Hs.133013:AA604920
- F-MAMMA1002524//Huntingtin (Huntington disease)//0.0085:215:65//Hs.79391:L12392
- 15 F-MAMMA1002530//Homo sapiens cytosolic phospholipase A2 gamma (cPLA2 gamma)
mRNA, complete cds//4.5e-162:775:97//Hs.18858:AF065214
- F-MAMMA1002545//ESTs//6.4e-46:351:81//Hs.146811:AA410788
- 20 F-MAMMA1002554
- F-MAMMA1002556//Human beige-like protein (BGL) mRNA, partial cds//0.96:187:
25 62//Hs.62354:M83822
- F-MAMMA1002566//ESTs//0.0033:130:68//Hs.117018:AA832421
- 30 F-MAMMA1002571//EST//0.28:115:66//Hs.156768:AI351368
- F-MAMMA1002573//ESTs//2.1e-4.8:265:94//Hs.155128:AI224516
- 35 F-MAMMA1002585
- F-MAMMA1002590//ESTs//3.2e-11:280:63//Hs.36049:AA436831
- 40 F-MAMMA1002597//ESTs//4.8e-10:118:77//Hs.156166:AI334107
- F-MAMMA1002598//Ribosomal protein L7//3.6e-23:123:100//Hs.153:X57958
- 45 F-MAMMA1002603//EST//0.070:99:71//Hs.122387:AA789220
- F-MAMMA1002612//ESTs, Moderately similar to hCDC10 protein [H.sapiens]//8.3e-18:353:
50 65//Hs.60895:AA428463
- F-MAMMA1002617//B94 PROTEIN//0.0097:229:62//Hs.75522:M92357
- 55 F-MAMMA1002618
- F-MAMMA1002619

EP 1 074 617 A2

F-MAMMA1002622//Homo sapiens advillin mRNA, complete cds//4.7e-22:157:90//Hs.47344:AF041449

5 F-MAMMA1002623//EST//1.5e-33:168:81//Hs.141526:N52300

F-MAMMA1002625

10 F-MAMMA1002629//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0507//1.1e-35:355:76//Hs.158241:AB007976

15 F-MAMMA1002636//Homo sapiens mRNA for KIAA0288 gene, complete cds//1.9e-05:439:61//Hs.91400:AB006626

F-MAMMA1002637//KINESIN LIGHT CHAIN//2.0e-47:367:72//Hs.117977:L04733

20 F-MAMMA1002646//EST//1.2e-32:302:78//Hs.112540:AA601385

F-MAMMA1002650//TRICHOHYALIN//1.2e-08:570:63//Hs.82276:L09190

25 F-MAMMA1002655//EST//8.8e-40:198:100//Hs.159724:AI393335

F-MAMMA1002662//EST//0.99:95:63//Hs.144074:AI005489

30 F-MAMMA1002665//Lysosomal-associated membrane protein 2//1.8e-35:722:64//Hs.8262:U36336

35 F-MAMMA1002671//Cyclin-dependent kinase inhibitor 1C (p57, Kip2)//8.6e-06:272:64//Hs.106070:U22398

F-MAMMA1002673

40 F-MAMMA1002684//Homo sapiens mRNA for KIAA0214 protein, complete cds//1.2e-162:752:99//Hs.3363:D86987

45 F-MAMMA1002685//ESTs//7.5e-40:373:78//Hs.163937:N69915

F-MAMMA1002698//ESTs//2.5e-09:190:68//Hs.138292:AI220397

50 F-MAMMA1002699//Homo sapiens epsin 2b mRNA, complete cds//4.7e-56:398:81//Hs.22396:AF062085

F-MAMMA1002701//ESTs//4.3e-10:110:80//Hs.156041:AI274697

55 F-MAMMA1002708//Homo sapiens mRNA for alpha(1,2)fucosyltransferase, complete cds//1.1e-51:307:79//Hs.46328:D87942

EP 1 074 617 A2

F-MAMMA1002711//EST//3.6e-38:186:77//Hs.139715:N25041

5 F-MAMMA1002721//EST//3.9e-06:110:71//Hs.136758:AA714692

F-MAMMA1002727//EST//0.97:137:63//Hs.145153:AI150165

10 F-MAMMA1002728//ESTs, Highly similar to PAB-DEPENDENT POLY(A)-SPECIFIC
RIBONUCLEASE [*Saccharomyces cerevisiae*]//2.6e-12:129:81//Hs.154181:AA193502

F-MAMMA1002744//ESTs//0.0026:420:58//Hs.95793:AA617853

15 F-MAMMA1002746//ESTs//0.28:117:69//Hs.12925:T66312

F-MAMMA1002748

20 F-MAMMA1002754//ESTs//1.1e-34:340:77//Hs.163641:R61848

F-MAMMA1002758//Homo sapiens KIAA0442 mRNA, partial cds//1.1e-27:151:98//Hs.32168:
AB007902

25 F-MAMMA1002764//ESTs//1.7e-45:323:84//Hs.155243:N70293

F-MAMMA1002765//EST//3.2e-11:145:73//Hs.162551:AA584782

30 F-MAMMA1002769

F-MAMMA1002775//Human ABL gene, exon 1b and intron 1b, and putative M8604 Met protein
35 (M8604 Met) gene//7.6e-84:417:97//Hs.77705:U07563

F-MAMMA1002780//EST//0.78:210:63//Hs.149413:AI273988

40 F-MAMMA1002782

F-MAMMA1002796//ESTs//0.021:122:65//Hs.132221:AI380710

45 F-MAMMA1002807//EST//1.0e-31:184:71//Hs.161497:N66919

F-MAMMA1002820//ESTs//0.21:292:59//Hs.132513:AI778514

50 F-MAMMA1002830//Homo sapiens mRNA for KIAA0563 protein, complete cds//2.4e-57:286:
88//Hs.15731:AB011135

55 F-MAMMA1002833//Human mRNA for KIAA0033 gene, partial cds//9.1e-52:583:72//Hs.22271:
D26067

F-MAMMA1002835

EP 1 074 617 A2

- 5 F-MAMMA1002838//ESTs, Weakly similar to NADH-UBIQUINONE OXIDOREDUCTASE CHAIN
1 [Locusta migratoria]//7.7e-38:179:78//Hs.141344:H29951
- F-MAMMA1002842//ESTs//1.7e-19:134:89//Hs.111583:AA463590
- 10 F-MAMMA1002843//Homo sapiens mRNA for KIAA0810 protein, partial cds//5.4e-137:635:
99//Hs.7531:AB018353
- F-MAMMA1002844//ESTs, Weakly similar to Y53C12A.3 [C.elegans]//1.6e-07:329:
15 58//Hs.107747:AI357868
- F-MAMMA1002858
- F-MAMMA1002868//EST//4.1e-23:180:77//Hs.163196:AA767643
- 20 F-MAMMA1002869//Human PINCH protein mRNA, complete cds//7.0e-88:696:78//Hs.83987:
U09284
- 25 F-MAMMA1002871//ESTs//3.4e-93:466:96//Hs.11873:T68423
- F-MAMMA1002880//EST//2.0e-09:364:59//Hs.145181:AI183632
- 30 F-MAMMA1002881//Homo sapiens mRNA for 25 kDa trypsin inhibitor, complete cds//3.8e-30:
680:61//Hs.129732:D45027
- F-MAMMA1002886//Long (electrocardiographic) QT syndrome 2//0.00075:504:60//Hs.19944:
35 U04270
- F-MAMMA1002887//ESTs//0.044:144:68//Hs.133152:H91657
- 40 F-MAMMA1002890//EST//1.7e-05:74:86//Hs.116013:AA612666
- F-MAMMA1002892//EST//2.1e-67:383:93//Hs.22815:R44265
- 45 F-MAMMA1002895//Human transcription factor ERF-1 mRNA, complete cds//0.00053:382:
57//Hs.61796:U85658
- F-MAMMA1002908//EST//0.0022:132:68//Hs.161697:AA224952
- 50 F-MAMMA1002909//ESTs//9.1e-21:343:70//Hs.142068:AA176125
- F-MAMMA1002930//ESTs//0.55:72:72//Hs.132440:AA923730
- 55 F-MAMMA1002937//ESTs, Weakly similar to ZINC FINGER PROTEIN 84 [H.sapiens]//7.9e-
103:485:99//Hs.102928:AI346344

EP 1 074 617 A2

- 5 F-MAMMA1002938//Homo sapiens mRNA for KIAA0698 protein, complete cds//1.6e-194:910:98//Hs.31720:AB014598
- F-MAMMA1002941//ESTs//9.5e-19:196:67//Hs.137945:AI423389
- 10 F-MAMMA1002947//ESTs//1.2e-96:460:99//Hs.156001:AI313418
- F-MAMMA1002964//Homo sapiens KIAA0424 mRNA, partial cds//0.48:250:60//Hs.54697:AB007884
- 15 F-MAMMA1002970//EST//2.0e-16:132:84//Hs.136518:AA601400
- F-MAMMA1002972
- 20 F-MAMMA1002973//ESTs//3.2e-43:225:74//Hs.155179:AA223932
- F-MAMMA1002982//ESTs//0.0017:162:66//Hs.152669:AA604944
- 25 F-MAMMA1002987//EST//0.044:254:59//Hs.135014:AI095645
- F-MAMMA1003003//Coagulation factor III (thromboplastin, tissue factor)//3.9e-22:185:83//Hs.62192:J02931
- 30 F-MAMMA1003004//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0501//1.0e-16:343:61//Hs.159897:AB007970
- 35 F-MAMMA1003007//EST//6.6e-10:265:66//Hs.144389:AA530979
- F-MAMMA1003011//Homo sapiens histone macroH2A1.2 mRNA, complete cds//6.2e-51:620:69//Hs.75258:AF054174
- 40 F-MAMMA1003013//Human HOX4C mRNA for a homeobox protein//0.73:347:58//Hs.74061:X59372
- 45 F-MAMMA1003015//EST//2.5e-11:137:77//Hs.141312:H73062
- F-MAMMA1003019//ESTs//0.0099:182:65//Hs.60787:AI374951
- 50 F-MAMMA1003026//EST//1.0:136:67//Hs.9123:T50137
- F-MAMMA1003031//EST//1.3e-11:244:67//Hs.136611:AA669549
- 55 F-MAMMA1003035
- F-MAMMA1003039//ESTs//1.4e-23:265:74//Hs.33393:R83391

EP 1 074 617 A2

- 5 F-MAMMA1003040//Homo sapiens tapasin (NGS-17) mRNA, complete cds//1.5e-93:339:85//Hs.5247:AF029750
- F-MAMMA1003044//Cyclin D2//1.0:234:61//Hs.75586:D13639
- 10 F-MAMMA1003047//H.sapiens mRNA for F25B3.3 kinase like protein from C.elegans//1.0:209:60//Hs.99491:Y12336
- F-MAMMA1003049//EST//0.99:126:67//Hs.162634:AA601742
- 15 F-MAMMA1003055//ESTs//0.00011:130:70//Hs.130539:R68518
- F-MAMMA1003056
- 20 F-MAMMA1003057//ESTs, Moderately similar to hypothetical protein MD6 [M.musculus]//1.3e-88:334:97//Hs.96500:AI206781
- F-MAMMA1003066//ESTs//0.77:88:71//Hs.143618:AI022618
- 25 F-MAMMA1003089//Homo sapiens mRNA for KIAA0631 protein, partial cds//4.5e-51:329:71//Hs.75154:AB014531
- 30 F-MAMMA1003099//Homo sapiens actin-binding protein homolog ABP-278 mRNA, complete cds//8.5e-44:288:88//Hs.81008:AF043045
- 35 F-MAMMA1003104//H.sapiens mRNA for ASM-like phosphodiesterase 3a//1.0:213:60//Hs.42945:Y08136
- F-MAMMA1003113//Homo sapiens mRNA for hair keratin acidic 3-II//0.99:200:64//Hs.32950:X82634
- 40 F-MAMMA1003127//Homo sapiens brush border myosin I (BBMI) mRNA, complete cds//5.4e-27:421:66//Hs.5394:AF105424
- 45 F-MAMMA1003135//Envoplakin//0.56:250:62//Hs.25482:U53786
- F-MAMMA1003140
- 50 F-MAMMA1003146//Homo sapiens mRNA for GalT3 protein//7.2e-82:397:97//Hs.151344:Y15062
- 55 F-MAMMA1003150//Homo sapiens mRNA for KIAA0515 protein, partial cds//0.00019:297:61//Hs.108945:AB011087
- F-MAMMA1003166//Glycoprotein Ib (platelet), beta polypeptide//1.2e-31:487:65//Hs.3847:

EP 1 074 617 A2

U59632

5 F-NT2RM1000001//Human plectin (PLEC1) mRNA, complete cds//0.16:244:63//Hs.79706:
U53204

10 F-NT2RM1000018//Human mRNA for KIAA0066 gene, partial cds//1.5e-66:385:92//Hs.82510:
D31886

F-NT2RM1000032

15 F-NT2RM1000035//Human mRNA for KIAA0199 gene, partial cds//4.1e-110:849:
81//Hs.78442:D83782

20 F-NT2RM1000037//Homo sapiens mRNA for KIAA0690 protein, partial cds//3.5e-108:542:
95//Hs.60103:AB014590

F-NT2RM1000039//Human plectin (PLEC1) mRNA, complete cds//0.11:545:57//Hs.79706:
U53204

25 F-NT2RM1000055//ESTs, Highly similar to TIP120 [R.norvegicus]//3.2e-69:353:
96//Hs.154980:AA948067

30 F-NT2RM1000059//Homo sapiens T cell immune response cDNA7 (TIRC7) mRNA,
complete cds//0.029:281:59//Hs.46465:U45285

F-NT2RM1000062//ESTs//0.30:368:59//Hs.131675:AA843210

35 F-NT2RM1000080//Homo sapiens chromosome 9, P1 clone 11659//2.8e-102:493:
97//Hs.3439:AC004472

40 F-NT2RM1000086//Homo sapiens mRNA for KIAA0661 protein, complete cds//5.8e-116:550:
97//Hs.65238:AB014561

45 F-NT2RM1000092//Murine leukemia viral (bmi-1) oncogene homolog//0.42:190:63//Hs.431:
L13689

F-NT2RM1000118//Homo sapiens clone 23763 unknown mRNA, partial cds//0.00086:126:
70//Hs.92693:AF007155

50 F-NT2RM1000119//Peroxisome receptor 1//0.00055:458:58//Hs.158084:Z48054

F-NT2RM1000127

55 F-NT2RM1000131

F-NT2RM1000132//Homo sapiens NADH:ubiquinone oxidoreductase NDUFS6 subunit

EP 1 074 617 A2

mRNA, nuclear gene encoding mitochondrial protein, complete cds//3.7e-92:448:97//Hs.49767:AF044959

5 F-NT2RM1000153//Homo sapiens mRNA for MTG8-related protein MTG16a, complete cds//1.0:546:58//Hs.110099:AB010419

10 F-NT2RM1000186//Homo sapiens clone 23763 unknown mRNA, partial cds//0.00081:126:70//Hs.92693:AF007155

F-NT2RM1000187//ESTs//3.4e-79:400:96//Hs.54971:AI424382

15 F-NT2RM1000199//Homo sapiens mRNA for KIAA0722 protein, complete cds//0.87:454:59//Hs.47061:AF045458

20 F-NT2RM1000242

F-NT2RM1000244//Homo sapiens centrosomal Nek2-associated protein 1 (C-NAP1) mRNA, complete cds//0.97:135:66//Hs.27910:AF049105

25 F-NT2RM1000252//TRICHOHYALIN//0.030:273:58//Hs.82276:L09190

30 F-NT2RM1000256//Glutamine-fructose-6-phosphate transaminase//1.5e-13:248:69//Hs.1674:M90516

F-NT2RM1000257//ESTs, Highly similar to similar to mago nashi [H.sapiens]//2.9e-98:530:93//Hs.104650:AI037879

35 F-NT2RM1000260//Human mRNA for KIAA0130 gene, complete cds//2.1e-58:460:80//Hs.23106:D50920

40 F-NT2RM1000271//ESTs//0.93:224:60//Hs.91226:AA649047

F-NT2RM1000272

45 F-NT2RM1000280//ESTs, Highly similar to VACUOLAR ATP SYNTHASE SUBUNIT D [Bos taurus]//1.3e-21:308:73//Hs.15071:AA781144

F-NT2RM1000300

50 F-NT2RM1000314//Human mRNA for KIAA0159 gene, complete cds//2.6e-128:708:92//Hs.5719:D63880

55 F-NT2RM1000318//Human mRNA for ribosomal protein L39, complete cds//1.8e-35:182:99//Hs.9837:D79205

F-NT2RM1000341//ESTs//2.3e-72:381:95//Hs.23070:AA631976

EP 1 074 617 A2

- F-NT2RM1000354//EST//5.2e-27:202:84//Hs.151186:AI125798
- 5 F-NT2RM1000355//ESTs, Weakly similar to putative [M.musculus]//7.7e-75:387:95//Hs.108619:W28608
- F-NT2RM1000365//ESTs//1.7e-99:495:97//Hs.103926:AA165691
- 10 F-NT2RM1000377//ESTs, Weakly similar to protein-tyrosine-phosphatase [H.sapiens]//7.4e-91:481:95//Hs.163707:AA137181
- 15 F-NT2RM1000388//65 KD YES-ASSOCIATED PROTEIN//0.36:340:57//Hs.8939:X80507
- F-NT2RM1000394//HISTONE H3.3//8.5e-91:474:93//Hs.118838:M11353
- 20 F-NT2RM1000399
- F-NT2RM1000421
- 25 F-NT2RM1000430//Homo sapiens erythroblast macrophage protein EMP mRNA, complete cds//1.2e-85:418:97//Hs.20815:AF084928
- F-NT2RM1000499//ESTs, Weakly similar to KIAA0167 protein [H.sapiens]//1.6e-38:201:97//Hs.106262:AI052382
- 30 F-NT2RM1000539//EST//0.070:145:62//Hs.149711:AI284660
- 35 F-NT2RM1000553//EST//2.2e-48:265:95//Hs.99230:AA449847
- F-NT2RM1000555//ESTs//0.82:193:61//Hs.96944:AI359957
- 40 F-NT2RM1000563//Human plectin (PLEC1) mRNA, complete cds//1.0:336:58//Hs.79706:U53204
- F-NT2RM1000623//Homo sapiens mRNA for KIAA0287 gene, partial cds//0.98:226:61//Hs.17931:AB006625
- 45 F-NT2RM1000648//ESTs, Weakly similar to similar to M. musculus MER5 and other AHPC/TSA proteins [C.elegans]//6.2e-51:254:98//Hs.132096:AA314601
- 50 F-NT2RM1000661//Homo sapiens translation initiation factor 4e mRNA, complete cds//8.5e-55:276:97//Hs.19122:AF038957
- 55 F-NT2RM1000666//Homo sapiens BAI 1 mRNA, complete cds//0.87:274:60//Hs.113936:AB005297

EP 1 074 617 A2

F-NT2RM1000669//ESTs//5.5e-63:481:85//Hs.90527:AI188279

F-NT2RM1000672

5

F-NT2RM1000691//Homo sapiens mRNA for HRIHFB2060, partial cds//7.0e-121:582:98//Hs.146282:AB015348

10

F-NT2RM1000699//ESTs//1.1e-89:435:97//Hs.28964:AA715101

F-NT2RM1000702//ESTs//5.4e-90:429:99//Hs.151001:AA564706

15

F-NT2RM1000725//Homo sapiens mRNA for neuropathy target esterase//1.5e-66:435:85//Hs.5038:AJ004832

20

F-NT2RM1000741//Homo sapiens mRNA for KIAA0567 protein, partial cds//2.6e-127:690:92//Hs.147946:AB011139

F-NT2RM1000742//Homo sapiens AC133 antigen mRNA, complete cds//8.2e-68:524:83//Hs.112360:AF027208

25

F-NT2RM1000746//ESTs//2.6e-37:231:89//Hs.94446:AA845465

30

F-NT2RM1000770//Homo sapiens KIAA0425 mRNA, complete cds//3.3e-09:321:63//Hs.150390:AB007885

35

F-NT2RM1000772//Eukaryotic translation initiation factor 3 (eIF-3) p36 subunit//0.053:271:60//Hs.139745 :U39067

F-NT2RM1000780//Human Line-1 repeat mRNA with 2 open reading frames//6.9e-20:128:94//Hs.23094:M19503

40

F-NT2RM1000781//ESTs//4.4e-60:346:92//Hs.35089:N50845

F-NT2RM1000800

45

F-NT2RM1000802

F-NT2RM1000811//Homo sapiens AC133 antigen mRNA, complete cds//1.2e-64:490:84//Hs.112360:AF027208

50

F-NT2RM1000826//ESTs//0.82:193:61//Hs.96944:AI359957

55

F-NT2RM1000829//Mannose-binding lectin, soluble (opsonic defect)//0.92:283:58//Hs.2314:X15422

F-NT2RM1000833//Hydroxysteroid (11-beta) dehydrogenase 2//0.022:178:67//Hs.1376:

EP 1 074 617 A2

U26726

5 F-NT2RM1000850//Human protein tyrosine kinase related mRNA sequence//3.8e-06:384:
59//Hs.90314:L05148

10 F-NT2RM1000852//Homo sapiens mRNA for ATP-dependent RNA helicase, partial//3.0e-
149:726:97//Hs.99423:AJ010840

F-NT2RM1000857//ESTs//0.52:274:60//Hs.112095:AA447643

15 F-NT2RM1000867//ESTs, Highly similar to signal peptidase:SUBUNIT//5.3e-54:277:
96//Hs.11125:AI015619

F-NT2RM1000874//ESTs//0.032:185:64//Hs.97713:AA442239

20 F-NT2RM1000882//Homo sapiens chromosome 11, BAC CIT-HSP-311e8 (BC269730)
containing the hFEN1 gene//4.0e-155:750:97//Hs.132898:AC004770

25 F-NT2RM1000883//Homo sapiens I-1 receptor candidate protein mRNA, complete cds//8.8e-
158:762:97//Hs.26285:AF082516

30 F-NT2RM1000885//Homo sapiens mRNA for KIAA0661 protein, complete cds//6.3e-19:310:
67//Hs.65238:AB014561

F-NT2RM1000894

35 F-NT2RM1000898

F-NT2RM1000905//EST//4.8e-07:77:84//Hs.148017:AI268701

40 F-NT2RM1000924//HOMEBOX PROTEIN HOX-A5//0.00051:458:59//Hs.37034:M26679

F-NT2RM1000927//Homo sapiens mRNA for KIAA0807 protein, partial cds//0.084:386:
58//Hs.101474:AB018350

45 F-NT2RM1000962//Human mRNA for KIAA0252 gene, partial cds//0.98:299:59//Hs.83419:
D87440

50 F-NT2RM1000978

F-NT2RM1001003//Homo sapiens alpha-catenin related protein (ACRP) mRNA, complete
cds//1.3e-161:760:98//Hs.58488:U97067

55 F-NT2RM1001008//ESTs//1.3e-12:144:75//Hs.133122:AI025200

F-NT2RM1001043//EST//0.24:117:64//Hs.161536:N80395

EP 1 074 617 A2

- 5 F-NT2RM1001044//ESTs, Weakly similar to C43E11.9[C.elegans]//3.0e-98:491:
96//Hs.102173:AA045270
- F-NT2RM1001059//Human plectin (PLEC1) mRNA, complete cds//0.52:533:57//Hs.79706:
U53204
- 10 F-NT2RM1001066//ESTs//1.2e-114:538:99//Hs.129020:AI380703
- F-NT2RM1001072//Human beige-like protein (BGL) mRNA, partial cds//0.69:586:
56//Hs.62354:M83822
- 15 F-NT2RM1001074//Macrophage stimulating 1 (hepatocyte growth factor-like)//0.0019:294:
64//Hs.30223:X90846
- 20 F-NT2RM1001082//Archain//3.9e-37:290:81//Hs.33642:X81198
- F-NT2RM1001085
- 25 F-NT2RM1001092//Zinc finger protein 43 (HTF6)//1.9e-57:770:68//Hs.74107:X59244
- F-NT2RM1001102//ESTs//1.2e-35:638:63//Hs.131737:AI343331
- 30 F-NT2RM1001105//WEE1-LIKE PROTEIN KINASE//0.0024:246:63//Hs.75188:U10564
- F-NT2RM1001112//ESTs//8.9e-82:437:93//Hs.6330:H38495
- 35 F-NT2RM1001115
- F-NT2RM1001139//Keratin 9//1.5e-05:518:59//Hs.2783:Z29074
- 40 F-NT2RM2000006//ESTs//3.9e-16:96:98//Hs.101117:AA576113
- F-NT2RM2000013//RNA polymerase II polypeptide B (140 kD)//6.3e-13:640:59//Hs.148027:
X63563
- 45 F-NT2RM2000030
- F-NT2RM2000032//ESTs//7.1 e-18:138:68//Hs.114031:AA700958
- 50 F-NT2RM2000042//ESTs//0.0091:241:61//Hs.147895:AI286243
- F-NT2RM2000092
- 55 F-NT2RM2000093//ESTs//2.6e-40:226:94//Hs.163521:H42085

EP 1 074 617 A2

F-NT2RM2000101//ESTs//1.0:235:61//Hs.48860:N27428

5 F-NT2RM2000124//Protein kinase, cAMP-dependent, catalytic, alpha//5.8e-46:287:88//Hs.77271:X07767

10 F-NT2RM2000191//Homo sapiens cGMP phosphodiesterase A1 (PDE9A) mRNA, complete cds//3.0e-139:566:97//Hs.18953:AF067223

F-NT2RM2000192//EST//3.5e-07:168:65//Hs.163122:AA756999

15 F-NT2RM2000239//ESTs, Weakly similar to K04G2.6 [C.elegans]//3.6e-93:489:95//Hs.143499:R72672

F-nnnnnnnnnnnn//ESTs//1.0e-70:269:97//Hs.156175:AI334328

20 F-NT2RM2000250//Homo sapiens mRNA for KIAA0590 protein, complete cds//1.0e-129:615:98//Hs.111862:AB011162

F-NT2RM2000259//ESTs//6.1e-30:172:85//Hs.116406:AA209520

25

F-NT2RM2000260//ESTs//2.5e-25:133:93//Hs.14169:AA203500

F-NT2RM2000287//ESTs//6.2e-13:97:83//Hs.118523:H98981

30

F-NT2RM2000322//Interferon regulatory factor 5//0.84:208:61//Hs.54434:U51127

35 F-NT2RM2000359//Homo sapiens mRNA for KIAA0560 protein, complete cds//2.8e-176:805:99//Hs.129952:AB011132

F-NT2RM2000363//ESTs//1.2e-24:139:96//Hs.48818:N63543

40 F-NT2RM2000368//Homo sapiens protein kinase C-binding protein RACK7 mRNA, partial cds//3.7e-96:599:86//Hs.75871:U48251

F-NT2RM2000371

45

F-NT2RM2000374//ESTs//3.2e-13:98:91//Hs.65853:AI050866

F-NT2RM2000395//Growth arrest-specific 1//0.80:129:67//Hs.65029:L13698

50

F-NT2RM2000402//Human p76 mRNA, complete cds//7.2e-23:714:59//Hs.28757:U81006

F-NT2RM2000407//ESTs//9.4e-92:458:96//Hs.148873:T33582

55

F-NT2RM2000420//EST//1.8e-61:296:99//Hs.147186:AI193053

EP 1 074 617 A2

F-NT2RM2000422//Solute carrier family 6 (neurotransmitter transporter, serotonin), member 4//1.5e-06:260:61//Hs.553:L05568

5 F-NT2RM2000452//ESTs//1.0:132:62//Hs.110004:AI097379

F-NT2RM2000469//ESTs//0.34:249:60//Hs.149575:AI281807

10 F-NT2RM2000490//Homo sapiens mRNA for KIAA0747 protein, partial cds//2.4e-16:386:63//Hs.8309:AB018290

15 F-NT2RM2000502//Human nicotinamide N-methyltransferase (NNMT) mRNA, complete cds//0.99:272:61//Hs.76669:U08021

20 F-NT2RM2000504//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds//1.6e-172:824:97//Hs.4812:AF061243

F-NT2RM2000522//Homo sapiens Nck-2 (NCK2) mRNA, complete cds//0.18:313:60//Hs.129725:AF047487

25 F-NT2RM2000540//ESTs, Weakly similar to C27F2.7 gene product [C.elegans]//2.7e-41:231:94//Hs.7049:AI141736

30 F-NT2RM2000556//ESTs//3.1e-33:183:96//Hs.136990:AA769220

F-NT2RM2000566//Integrin, alpha 7B//2.0e-155:751:97//Hs.74369:AF032108

35 F-NT2RM2000567//RYANODINE RECEPTOR, SKELETAL MUSCLE//6.3e-09:689:59//Hs.89631:U48508

F-NT2RM2000569//ESTs//5.4e-17:170:77//Hs.158277:H09128

40 F-NT2RM2000577//ESTs, Highly similar to ISOLEUCYL-TRNA SYNTHETASE, MITOCHONDRIAL [Saccharomyces cerevisiae]//1.4e-33:214:92//Hs.55609:W37993

45 F-NT2RM2000581//Homo sapiens mRNA for KIAA0214 protein, complete cds//1.8e-175:820:98//Hs.3363:D86987

F-NT2RM2000588//ESTs//1.5e-33:183:97//Hs.136990:AA769220

50 F-NT2RM2000594

F-NT2RM2000599//Homo sapiens Mad4 homolog (Mad4) mRNA, complete cds//0.017:253:65//Hs.102402:AF040963

55

F-NT2RM2000609//ESTs//1.0:220:59//Hs.110155:AA007313

EP 1 074 617 A2

F-NT2RM2000612//ESTs//0.97:208:59//Hs.73217:AA846548

5 F-NT2RM2000623//Homo sapiens mRNA for KIAA0521 protein, partial cds//0.024:326:59//Hs.6150:AB011093

F-NT2RM2000624//ESTs//2.3e-118:557:99//Hs.145904:AA203258

10 F-NT2RM2000635//Homo sapiens mRNA for KIAA0729 protein, partial cds//2.0e-143:664:98//Hs.19542:AB018272

15 F-NT2RM2000636//Homo sapiens mRNA for KIAA0658 protein, partial cds//2.4e-139:664:98//Hs.7278:AB014558

F-NT2RM2000639//ESTs//0.98:144:65//Hs.154364:AI189702

20 F-NT2RM2000649//Homo sapiens mRNA for KIAA0676 protein, partial cds//3.4e-169:518:99//Hs.115763:AB014576

25 F-NT2RM2000669//ESTs//1.3e-56:283:98//Hs.156342:AI337371

F-NT2RM2000691//Homo sapiens actin-related protein Arp3 (ARP3) mRNA, complete cds//6.7e-86:746:74//Hs.5321:AF006083

30 F-NT2RM2000714//Human mRNA for KIAA0231 gene, partial cds//2.2e-50:748:64//Hs.7938:D86984

35 F-NT2RM2000718//Homa sapiens mRNA for HRIHFB2436, partial cds//7.6e-126:594:98//Hs.136058:AB015342

F-NT2RM2000735//Zinc finger protein 43 (HTF6)//2.7e-112:756:82//Hs.74107:X59244

40 F-NT2RM2000740//ESTs, Highly similar to HYPOTHETICAL 132.7 KD HELICASE IN ALG7-ENP1 INTERGENIC REGION [Saccharomyces cerevisiae]//4.2e-85:464:91//Hs.161551:W24286

45 F-NT2RM2000795//Homo sapiens tapasin (NGS-17) mRNA, complete cds//1.0e-82:640:81//Hs.5247:AF029750

50 F-NT2RM2000821//Human mRNA for KIAA0340 gene, partial cds//0.32:679:59//Hs.105919:AB002338

F-NT2RM2000837//ESTs//2.3e-105:501:98//Hs.101514:AI346701

55 F-NT2RM2000951//Homo sapiens XYLB mRNA for xylulokinase, complete cds//2.8e-185:847:99//Hs.137580:AB015046

EP 1 074 617 A2

F-NT2RM2000952//ESTs, Weakly similar to lethal(2)denticleless [D.melanogaster]//6.2e-94:441:99//Hs.59075:AI023761

5 F-NT2RM2000984//Human mRNA for KIAA0246 gene, partial cds//0.94:351:62//Hs.84753:D87433

F-NT2RM2001004//ESTs//5.0e-10:247:64//Hs.36049:AA436831

10

F-NT2RM2001035//ESTs, Highly similar to POP2 PROTEIN [Saccharomyces cerevisiae]//2.9e-48:282:93//Hs.17035:AI080471

15 F-NT2RM2001065

F-NT2RM2001100//Homo sapiens mRNA for serin protease with IGF-binding motif, complete cds//1.7e-08:449:62//Hs.75111:D87258

20

F-NT2RM2001105//Homo sapiens proline and glutamic acid rich nuclear protein isoform mRNA, partial cds//0.00079:274:59//Hs.102732:U88153

25 F-NT2RM2001131//TRICHOHYALIN//2.5e-20:684:62//Hs.82276:L09190

F-NT2RM2001141

30 F-NT2RM2001152//ESTs//0.53:333:58//Hs.153087:AA649042

F-NT2RM2001177

35 F-NT2RM2001194//ESTs, Weakly similar to T28H10.2 [C.elegans]//2.4e-23:149:93//Hs.10618:AI288739

F-NT2RM2001196//ESTs//4.0e-98:486:97//Hs.59628:W91959

40

F-NT2RM2001201//Human mRNA for KIAA0005 gene, complete cds//2.8e-44:554:69//Hs.155291:D13630

45 F-NT2RM2001221//Homo sapiens mRNA for KIAA0806 protein, complete cds//0.97:165:64//Hs.24279:AB018349

F-NT2RM2001238//EST//6.8e-67:420:89//Hs.130586:AI004766

50

F-NT2RM2001243//V-jun avian sarcoma virus 17 oncogene homolog//0.87:125:64//Hs.75889:U65928

55 F-NT2RM2001247//Homo sapiens antigen NY-CO-16 mRNA, complete cds//0.0066:321:61//Hs.132206:AF039694

EP 1 074 617 A2

F-NT2RM2001256

F-NT2RM2001291//ESTs//1.1e-86:459:93//Hs.10267:W27845

5

F-NT2RM2001306//Homo sapiens paraoxonase (PON2) mRNA, complete cds//1.0:182:65//Hs.75221:AF001601

10

F-NT2RM2001312//ESTs//2.0e-35:338:70//Hs.141440:N21615

F-NT2RM2001319//ESTs, Weakly similar to No definition line found [C.elegans]//5.2e-30:277:77//Hs.25347:AI138605

15

F-NT2RM2001324//Homo sapiens mRNA for beta-spectrin III, complete cds//0.031:245:62//Hs.26915:AB008567

20

F-NT2RM2001345//ESTs//9.2e-91:428:99//Hs.151001:AA564706

F-NT2RM2001360//ESTs//0.98:45:80//Hs.133520:AA878905

25

F-NT2RM2001370//Human transportin (TRN) mRNA, complete cds//0.72:224:61//Hs.82925:U70322

30

F-NT2RM2001393//Mannosidase, alpha B, lysosomal//0.42:383:57//Hs.108969:U68382

F-NT2RM2001420//EST//1.0:287:62//Hs.125285:AA830378

35

F-NT2RM2001424//Homo sapiens mRNA for E1B-55kDa-associated protein//2.3e-97:453:99//Hs.155218:AJ007509

F-NT2RM2001499//Ecotropic retroviral receptor//5.4e-47:589:68//Hs.2928:X57303

40

F-NT2RM2001504//Homo sapiens agrin precursor mRNA, partial cds//0.25:328:60//Hs.68900:AF016903

45

F-NT2RM2001524//ESTs//1.0e-11:93:90//Hs.33687:R85969

F-NT2RM2001544//ESTs//1.0e-25:157:92//Hs.137451:AA351459

50

F-NT2RM2001547//ESTs//2.0e-29:168:96//Hs.116392:AA936262

F-NT2RM2001575//Sjogren syndrome antigen A1 (52kD, ribonucleoprotein autoantigen SS-A/Ro)//6.9e-28:582:64//Hs.1042:M62800

55

F-NT2RM2001582//ESTs, Moderately similar to red-1 [M.musculus]//0.0032:57:89//Hs.114722:AA448077

EP 1 074 617 A2

F-NT2RM2001588//Homo sapiens KIAA0442 mRNA, partial cds//2.3e-11:282:65//Hs.32168:AB007902

5 F-NT2RM2001592//ESTs//4.8e-73:372:95//Hs.163801:AI391729

F-NT2RM2001605//Homo sapiens clone 23592 mRNA sequence//7.3e-87:749:75//Hs.76272:S66431

10

F-NT2RM2001613//ESTs, Highly similar to PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT [Canis familiaris]//1.3e-17:181:75//Hs.131840:AI016073

15 F-NT2RM2001632//EST//8.7e-18:222:76//Hs.160402:AI393918

F-NT2RM2001635//Homo sapiens mRNA for KIAA0618 protein, complete cds//3.0e-154:740:98//Hs.15832:AB014518

20

F-NT2RM2001637//ESTs//2.2e-06:386:61//Hs.145198:AI276952

25 F-NT2RM2001641//ESTs, Highly similar to NADH-CYTOCHROME B5 REDUCTASE [Bos taurus]//3.5e-13:94:92//Hs.22142:AA814725

F-NT2RM2001648//ESTs, Highly similar to PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT [Canis familiaris]//1.3e-17:181:75//Hs.131840:AI016073

30

F-NT2RM2001652//ESTs//2.5e-06:82:80//Hs.128203:AA972301

F-NT2RM2001659//ESTs//2.8e-15:92:98//Hs.123321:AA810287

35

F-NT2RM2001664//Homo sapiens IkappaB kinase complex associated protein (IKAP) mRNA, complete cds//1.2e-173:802:99//Hs.31323:AF044195

40 F-NT2RM2001668//ESTs, Weakly similar to DNA MISMATCH REPAIR PROTEIN MSH6 [H.sapiens]//1.1e-136:671:97//Hs.27721:U17907

45 F-NT2RM2001670//Homo sapiens mRNA for KIAA0557 protein, partial cds//1.1e-25:352:70//Hs.101414:AB011129

F-NT2RM2001671//ESTs//1.8e-08:63:98//Hs.158069:AI365356

50

F-NT2RM2001675

F-NT2RM20016811//ESTs//0.16:197:63//Hs.20585:R10305

55

F-NT2RM2001688//ESTs//1.8e-24:130:100//Hs.162504:AA668211

F-NT2RM2001695//EST//5.6e-51:189:89//Hs.162197:AA535216

EP 1 074 617 A2

- 5 F-NT2RM2001696//ESTs, Highly similar to gene ERCC5 protein [H.sapiens]//5.8e-16:144:84//Hs.14671:T79937
- F-NT2RM2001698//ESTs//0.14:184:63//Hs.148080:AI277415
- 10 F-NT2RM2001699//ESTs//6.5e-14:136:79//Hs.127790:AI003817
- F-NT2RM2001700//Homo sapiens putative seven pass transmembrane protein (TM7SF1) mRNA, complete cds//0.95:270:61//Hs.15791:AF027826
- 15 F-NT2RM2001706//ESTs//2.8e-47:304:86//Hs.146811:AA410788
- F-NT2RM2001716//Semenogelin I//0.98:153:64//Hs.1968:M81650
- 20 F-NT2RM2001718
- F-NT2RM2001723//Homo sapiens clone 23770 mRNA sequence//4.4e-28:163:95//Hs.12457:AF052123
- 25 F-NT2RM2001727//Homo sapiens mRNA for KIAA0462 protein, partial cds//2.0e-112:530:98//Hs.129937:AB007931
- 30 F-NT2RM2001730//Homo sapiens mRNA for KIAA0560 protein, complete cds//0.95:269:58//Hs.129952:AB011132
- 35 F-NT2RM2001743
- F-NT2RM2001753//Human AF-6 mRNA, complete cds//0.095:350:59//Hs.100469:AB011399
- 40 F-NT2RM2001760//ESTs, Highly similar to PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT [Canis familiaris]//1.3e-17:181:75//Hs.131840:AI016073
- F-NT2RM2001768//ESTs//0.61:189:62//Hs.144847:AI222742
- 45 F-NT2RM2001771//Zinc finger protein 10 (KOX 1)//1.1e-66:669:71//Hs.2479:X78933
- F-NT2RM2001782//YY1 transcription factor//0.094:149:65//Hs.97496:M77698
- 50 F-NT2RM2001784//ESTs//8.2e-31:190:92//Hs.144587:AI193595
- F-NT2RM2001785//Homo sapiens chromosome 11, BAC CIT-HSP-311e8 (BC269730) containing the hFEN1 gene//1.6e-48:476:74//Hs.132898:AC004770
- 55 F-NT2RM2001797//Human mRNA for KIAA0065 gene, partial cds//6.1e-66:481:72//Hs.70617:D31763

EP 1 074 617 A2

- 5 F-NT2RM2001800//Human mRNA for transcriptional activator hSNF2b, complete cds//0.49:142:66//Hs.78202:U29175
- F-NT2RM2001803//Homo sapiens IkappaB kinase complex associated protein (IKAP) mRNA, complete cds//2.7e-179:827:99//Hs.31323:AF044195
- 10 F-NT2RM2001805//EST//1.0:45:80//Hs.159007:AI381341
- F-NT2RM2001813//EST//0.41:268:58//Hs.150031:AI292068
- 15 F-NT2RM2001823//H.sapiens mRNA for 218kD Mi-2 protein//9.7e-21:554:60//Hs.74441:X86691
- F-NT2RM2001839//Homo sapiens calumein (Calu) mRNA, complete cds//1.2e-132:738:90//Hs.7753:AF013759
- 20 F-NT2RM2001840//Homo sapiens PYRIN (MEFV) mRNA, complete cds//5.8e-58:329:86//Hs.113283:AF018080
- 25 F-NT2RM2001855//ADP-ribosylation factor 5//1.0:301:60//Hs.77541:M57567
- F-NT2RM2001867//ESTs, Weakly similar to ZK792.1 [C.elegans]//3.0e-28:421:66//Hs.8763:W30741
- 30 F-NT2RM2001879//ESTs//6.3e-43:234:94//Hs.122546:AA186723
- 35 F-NT2RM2001886//Homo sapiens mRNA for KIAA0710 protein, complete cds//6.1e-189:866:97//Hs.4198:AB014610
- F-NT2RM2001896//Homo sapiens mRNA for JM23 protein, complete coding sequence (clone IMAGE 34581 and IMAGE 45355 and LLNLc110I133Q7 (RZPD Berlin))//3.0e-13:606:57//Hs.23170:AJ005892
- 40 F-NT2RM2001903//Homo sapiens mRNA for KIAA0462 protein, partial cds//9.4e-178:859:97//Hs.129937:AB007931
- 45 F-NT2RM2001930//Homo sapiens semaphorin F homolog mRNA, complete cds//4.2e-08:481:59//Hs.27621:U52840
- 50 F-NT2RM2001935//ESTs, Highly similar to MULTIDRUG RESISTANCE PROTEIN HOMOLOG 50 [Drosophila melanogaster]//0.37:424:60//Hs.118634:U66688
- 55 F-NT2RM2001936//Homo sapiens clone 614 unknown mRNA, complete sequence//2.2e-139:653:98//Hs.21811:AF091080

EP 1 074 617 A2

F-NT2RM2001950//ESTs//0.12:91:76//Hs.107295:W80392

F-NT2RM2001982

5

F-NT2RM2001983//Homo sapiens Tax interaction protein 2 mRNA, partial cds//1.2e-21:123:98//Hs.6454:AF089816

10

F-NT2RM2001989//Homo sapiens mRNA for DRIM protein//0.71:319:59//Hs.104135:AJ006778

15

F-NT2RM2001997//ESTs//1.7e-25:135:100//Hs.126894:AA932538

F-NT2RM2001998//ESTs, Weakly similar to Mi-2 protein [H.sapiens]//0.99:271:60//Hs.63888:AA203398

20

F-NT2RM2002004//Homo sapiens mRNA for KIAA0731 protein, partial cds//3.5e-37:509:65//Hs.6214:AB018274

25

F-NT2RM2002014//Homo sapiens mRNA for CRM1 protein, complete cds//0.79:429:58//Hs.79090:D89729

30

F-NT2RM2002030//Glutamine-fructose-6-phosphate transaminase//9.0e-89:822:73//Hs.1674:M90516

F-NT2RM2002049//ESTs//0.99:109:71//Hs.19303:AA928427

35

F-NT2RM2002055//ESTs//1.1e-91:453:98//Hs.158370:AI382154

F-NT2RM2002088//ESTs//6.1e-75:302:96//Hs.153471:AI198377

40

F-NT2RM2002091//RYANODINE RECEPTOR, SKELETAL MUSCLE//0.69:293:58//Hs.89631:U48508

45

F-NT2RM2002100//Homo sapiens mRNA for ATP-dependent RNA helicase, partial//2.5e-165:776:98//Hs.99423:AJ010840

F-NT2RM2002109//Homo sapiens glioma amplified on chromosome 1 protein (GAC1) mRNA, complete cds//7.6e-145:684:98//Hs.26312:AF030435

50

F-NT2RM2002128

F-NT2RM2002142//ESTs//0.0031:183:66//Hs.144505:AA757274

55

F-NT2RM2002145//Homo sapiens erythroblast macrophage protein EMP mRNA, complete cds//1.4e-144:800:92//Hs.20815:AF084928

EP 1 074 617 A2

F-NT2RM2002178//Homo sapiens mRNA for KIAA0467 protein, partial cds//1.7e-165:787:97//Hs.11147:AB007936

5 F-NT2RM2002580//Keratin 10 (epidermolytic hyperkeratosis; keratosis palmaris et plantaris)
//0.064:291:61//Hs.99936:X14487

10 F-NT2RM4000024//RNA polymerase II polypeptide B (140 kD)//8.0e-10:610:59//Hs.148027:
X63563

F-NT2RM4000027//ESTs//1.6e-64:352:94//Hs.21331:H93074

15 F-NT2RM4000030//ESTs//1.0:115:63//Hs.131055:AI391464

F-NT2RM4000046//ESTs//2.6e-09:207:65//Hs.143533:AI094674

20 F-NT2RM4000061//ESTs//0.89:207:60//Hs.98445:AI038511

F-NT2RM4000085//ESTs, Weakly similar to The KIAA0134 gene product is related to human
RNA helicase A. [H.sapiens]//1.6e-30:369:70//Hs.114623:AI204280

25 F-NT2RM4000086

30 F-NT2RM4000104//Homo sapiens chromosome 16 zinc finger protein ZNF210 (ZNF210)
mRNA, complete cds//1.3e-24:345:69//Hs.13128:AF060865

F-NT2RM4000139

35 F-NT2RM4000155

F-NT2RM4000156//ESTs//5.9e-73:345:100//Hs.155958:AA573632

40 F-NT2RM4000167//Homo sapiens kinesin family member protein KIF3A mRNA, complete
cds//9.8e-30:676:61//Hs.159228:AF041853

45 F-NT2RM4000169//ESTs//2.0e-103:483:99//Hs.43729:AA497044

F-NT2RM4000191//TRICHOHYALIN//0.011:324:60//Hs.82276:L09190

50 F-NT2RM4000197//ESTs//1.5e-48:311:88//Hs.136144:W27744

F-NT2RM4000199//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!!
[H.sapiens]//0.13:322:61//Hs.145088:AI221147

55 F-NT2RM4000200

F-NT2RM4000202//Homo sapiens mRNA for KIAA0288 gene, complete cds//0.0027:424:

EP 1 074 617 A2

60//Hs.91400:AB006626

5 F-NT2RM4000210//Homo sapiens mRNA for KIAA0712 protein, complete cds//4.4e-184:856:
98//Hs.111138:AB018255

10 F-NT2RM4000215//SET translocation (myeloid leukemia-associated)//0.0013:358:
60//Hs.75055:M93651

F-NT2RM4000229//Homo sapiens mRNA for KIAA0722 protein, complete cds//0.65:572:
60//Hs.47061:AF045458

15 F-NT2RM4000233//ESTs//2.0e-37:269:85//Hs.148873:T33582

F-NT2RM4000244//EST//0.83:319:57//Hs.162412:AA573439

20 F-NT2RM4000251//ESTs, Weakly similar to CUT1 PROTEIN [Schizosaccharomyces
pombe]//1.1e-16:112:92//Hs.93841:AA442297

25 F-NT2RM4000265//Homo sapiens mRNA for alpha(1,2)fucosyltransferase, complete
cds//1.8e-48:229:83//Hs.46328:D87942

30 F-NT2RM4000290//Human transducin-like enhancer protein (TLE3) mRNA, complete
cds//2.5e-154:609:93//Hs.31305:M99438

F-NT2RM4000324//Homo sapiens hCPE-R mRNA for CPE-receptor, complete cds//0.070:
460:59//Hs.5372:AB000712

35 F-NT2RM4000327//ESTs//0.019:269:60//Hs.153697:AI240707

40 F-NT2RM4000344//ESTs, Highly similar to YME1 PROTEIN [Saccharomyces
cerevisiae]//2.7e-83:432:95//Hs.12796:W27884

F-NT2RM4000349//Human mRNA for KIAA0005 gene, complete cds//5.2e-53:666:
68//Hs.155291:D13630

45 F-NT2RM4000354//ESTs, Weakly similar to lethal(2)denticleless [D.melanogaster]//0.0078:
55:92//Hs.59075:M023761

50 F-NT2RM4000356//ESTs//1.0:225:60//Hs.161175:AI418425

F-NT2RM4000366//Homo sapiens mRNA for KIAA0642 protein, partial cds//5.3e-135:628:
99//Hs.8152:AB014542

55 F-NT2RM4000368//ESTs//4.9e-13:323:63//Hs.143695:AA662745

F-NT2RM4000386//Human DNA sequence from clone 1052M9 on chromosome Xq25.

EP 1 074 617 A2

- Contains the SH2D1A gene for SH2 domain protein 1A, Duncan's disease (lymphoproliferative syndrome) (DSHP), part of a 60S Acidic Ribosomal protein 1 (RPLP1) LIKE gene and part of a mouse DOC4 LIKE gene. Contains ESTs and GSSs//2.0e-72:843:68//Hs.23796:AL022718
- 5
- F-NT2RM4000395//Nitric oxide synthase 2A (inducible, hepatocytes)//0.63:166:65//Hs.946:X73029
- 10
- F-NT2RM4000414//Homo sapiens XYLB mRNA for xylulokinase, complete cds//4.9e-17:114:94//Hs.137580:AB015046
- 15
- F-NT2RM4000421
- F-NT2RM4000425//Homo sapiens mRNA for KIAA0594 protein, partial cds//1.1e-42:432:74//Hs.154872:AB011166
- 20
- F-NT2RM4000433//Colony stimulating factor 3 receptor (granulocyte)//0.023:543:58//Hs.2175:M59820
- 25
- F-NT2RM4000457
- F-NT2RM4000471//Human transcriptional corepressor hKAP1/TIF1B mRNA, complete cds//0.060:178:631//Hs.66369:U95040
- 30
- F-NT2RM4000486//ESTs//9.2e-48:237:99//Hs.160685:AI280004
- F-NT2RM4000496//ESTs//0.069:252:61//Hs.155958:AA573632
- 35
- F-NT2RM4000511//EST//0.92:191:58//Hs.61517:AA028915
- F-NT2RM4000514
- 40
- F-NT2RM4000515//ESTs//7.3e-93:450:98//Hs.120975:AA034409
- F-NT2RM4000520//ESTs//0.13:183:65//Hs.144828:AI221305
- 45
- F-NT2RM4000531//ESTs, Highly similar to ZINC FINGER PROTEIN MLZ-4 [Mus musculus]//1.8e-153:756:96//Hs.125870:AI364967
- 50
- F-NT2RM4000532//ESTs//7.7e-43:388:78//Hs.105665:H78987
- F-NT2RM4000534
- 55
- F-NT2RM4000585
- F-NT2RM4000590//Homo sapiens mRNA for KIAA0469 protein, complete cds//1.2e-19:593:

EP 1 074 617 A2

62//Hs.7764:AB007938

5 F-NT2RM4000595//ESTs, Highly similar to HYPOTHETICAL 54.9 KD PROTEIN C02F5.7 IN CHROMOSOME III [Caenorhabditis elegans]//3.1e-104:532:96//Hs.6092:T75227

10 F-NT2RM4000603//Human mRNA for KIAA0392 gene, partial cds//1.7e-15:305:68//Hs.40100:AB002390

F-NT2RM4000611//EST//0.76:268:58//Hs.150031:AI292068

15 F-NT2RM4000616

F-NT2RM4000674

20 F-NT2RM4000689

F-NT2RM4000698//Apolipoprotein E//1.0:290:59//Hs.76260:M12529

25 F-NT2RM4000700

F-NT2RM4000712//Homo sapiens ubiquitin hydrolyzing enzyme I (UBH1) mRNA, partial cds//3.5e-91:744:77//Hs.42400:AF022789

30 F-NT2RM4000717//ESTs, Highly similar to BONE MORPHOGENETIC PROTEIN 1 PRECURSOR [Mus musculus]//2.6e-163:771:97//Hs.6823:W18181

35 F-NT2RM4000733//PUTATIVE TACHYKININ RECEPTOR//0.70:257:60//Hs.957:M84605

F-NT2RM4000734//Homo sapiens mRNA for KIAA0760 protein, partial cds//1.2e-159:743:98//Hs.137168:AB018303

40 F-NT2RM4000741

45 F-NT2RM4000751//ESTs, Highly similar to ZINC FINGER PROTEIN MLZ-4 [Mus musculus]//1.1e-75:388:96//Hs.112361:R99396

F-NT2RM4000764//ESTs//3.8e-104:539:95//Hs.24739:H67815

50 F-NT2RM4000778//ESTs//1.5e-85:419:97//Hs.99838:AA204731

F-NT2RM4000779//Homo sapiens mRNA for KIAA0451 protein, complete cds//1.8e-173:810:98//Hs.18586:AB007920

55 F-NT2RM4000787//EST//0.011:182:65//Hs.159928:AA969186

F-NT2RM4000790//Homo sapiens chromosome 19, cosmid R27216//4.5e-156:736:

EP 1 074 617 A2

98//Hs.25817:AC005306

5 F-NT2RM4000795//ESTs, Highly Similar to LIVER CARBOXYLESTERASE PRECURSOR
[Homo sapiens]//6.7e-19:160:80//Hs.124902:AI337820

10 F-NT2RM4000796//Human K⁺ channel subunit gene, complete cds//0.96:292:
62//Hs.124212:M64676

F-NT2RM4000798//ESTs//1.9e-34:271:82//Hs.128203:AA972301

15 F-NT2RM4000813//Homo sapiens snRNA activating protein complex 190kD subunit
(SNAP190) mRNA, complete cds//0.052:238:64//Hs.113265:AF032387

F-NT2RM4000820//ESTs//0.053:274:61//Hs.23748:H16568

20 F-NT2RM4000833

F-NT2RM4000848//Human mRNA for KIAA0324 gene, partial cds//0.97:374:61//Hs.7841:
25 AB002322

F-NT2RM4000852//EST//1.0:222:60//Hs.120354:AA718934

30 F-NT2RM4000855//ESTs, Highly similar to RAS-RELATED C3 BOTULINUM TOXIN
SUBSTRATE 2 [Homo sapiens]//4.4e-29:164:95//Hs.115095:AI392943

F-NT2RM4000887

35 F-NT2RM4000895//Homo sapiens HuUAP1 mRNA for UDP-N-acetylglucosamine
pyrophosphorylase, complete cds//6.8e-22:407:64//Hs.21293:AB011004

40 F-NT2RM4000950

F-NT2RM4000971//ESTs//3.6e-27:142:100//Hs.130912:AI014546

45 F-NT2RM4000979//Homo sapiens KIAA0415 mRNA, complete cds//3.7e-63:571:
77//Hs.7289:AB007875

F-NT2RM4000996//Zinc finger protein 3 (A8-51)//8.7e-34:381:67//Hs.2481:X78926

50 F-NT2RM4001002//Homo sapiens mRNA for KIAA0729 protein, partial cds//1.6e-171:803:
98//Hs.19542:AB018272

55 F-NT2RM4001016//Homo sapiens mRNA for KIAA0639 protein, partial cds//1.1e-126:584:
99//Hs.15711:AB014539

F-NT2RM4001032//Homo sapiens mRNA for KIAA0711 protein, complete cds//4.8e-05:469:

EP 1 074 617 A2

58//Hs.5333:AB018254

5 F-NT2RM4001047//ESTs, Moderately similar to MO25 PROTEIN [M.musculus]//7.0e-56:340:
92//Hs.87310:AI247543

10 F-NT2RM4001054//HIGH AFFINITY IMMUNOGLOBULIN GAMMA FC RECEPTOR I "A FORM"
PRECURSOR//0.79:142:69//Hs.77424:M63835

F-NT2RM4001084

15 F-NT2RM4001092//Human mRNA for KIAA0050 gene, complete cds//0.045:235:
62//Hs.108947:D30758

F-NT2RM4001116

20 F-NT2RM4001140//Human engrailed protein (EN2) gene, 5' end//0.00029:225:
61//Hs.134989:L12701

25 F-NT2RM4001151//ESTs//1.1e-07:190:65//Hs.151691:AA443730

F-NT2RM4001155//ESTs//2.2e-12:181:74//Hs.128826:AI004145

30 F-NT2RM4001160//EST//0.83:166:61//Hs.117051:AA677351

F-NT2RM4001187

35 F-NT2RM4001191//ESTs//1.3e-42:248:93//Hs.13475:R18220

F-NT2RM4001200//Zinc finger protein 10 (KOX 1)//4.0e-68:799:69//Hs.2479:X78933

40 F-NT2RM4001203//Homo sapiens rab3-GAP regulatory domain mRNA, complete cds//1.4e-
153:707:99//Hs.14934:AF004828

45 F-NT2RM4001204//ESTs, Moderately similar to HYPOTHETICAL 59.1 KD PROTEIN ZK637.1
IN CHROMOSOME III [Caenorhabditis elegans]//0.19:291:62//Hs.31582:AA877205

F-NT2RM4001217//Homo sapiens nuclear matrix protein NRP/B (NRPB) mRNA, complete
cds//7.0e-63:715:70//Hs.104925:AF059611

50 F-NT2RM4001256//ESTs, Weakly similar to probable CBP3 protein homolog
[C.elegans]//1.1e-67:208:96//Hs.26676:AA033997

55 F-NT2RM4001258//Homo sapiens mRNA for KIAA0481 protein, complete cds//0.0019:435:
59//Hs.6360:AB007950

F-NT2RM4001309//Human Chromosome 16 BAC clone CIT987SK-254P9//0.019:356:

EP 1 074 617 A2

59//Hs.26971:AC003003

5 F-NT2RM4001313//H.sapiens mRNA for phosphatidylinositol 3-kinase//8.0e-79:474:89//Hs.32971:Z46973

F-NT2RM4001316//ESTs//1.2e-14:126:84//Hs.154344:AA258335

10 F-NT2RM4001320//Human mRNA for Neuroblastoma, complete cds//3.6e-43:642:66//Hs.87435:D89016

F-NT2RM4001340//EST//0.40:135:70//Hs.161198:AI418988

15 F-NT2RM4001344//ESTs, Highly similar to HYPOTHETICAL GTP-BINDING PROTEIN IN PMI40-PAC2 INTERGENIC REGION [Saccharomyces cerevisiae]//0.0096:284:58//Hs.120997:R56714

20 F-NT2RM4001347//ESTs, Weakly similar to weakly similar to ANK repeat region of Fowlpox virus BamHI-orf7 protein [C.elegans]//3.7e-52:252:100//Hs.15301:AA167818

25 F-NT2RM4001371//EST//0.52:262:59//Hs.145991:AI277656

F-NT2RM4001382//Homo sapiens RanBP7/importin 7 mRNA, complete cds//7.2e-169:790:98//Hs.5151:AF098799

30 F-NT2RM4001384

35 F-NT2RM4001410//ESTs//1.1e-47:290:91//Hs.72447:AA160575

F-NT2RM4001411//Homo sapiens mRNA for APS, complete cds//2.5e-23:475:64//Hs.105052:AB000520

40 F-NT2RM4001412

45 F-NT2RM4001414//ESTs, Moderately similar to 18547_1 [H.sapiens]//5.2e-18:133:87//Hs.28209:AI073817

F-NT2RM4001437//Human mRNA for KIAA0118 gene, partial cds//2.5e-42:611:70//Hs.154326:D42087

50 F-NT2RM4001444

F-NT2RM4001454//ESTs//3.9e-31:169:96//Hs.117982:AA644658

55 F-NT2RM4001455//ESTs//0.0054:48:100//Hs.14920:AA910914

F-NT2RM4001483//ESTs, Weakly similar to ZINC FINGER PROTEIN ZFP-36

EP 1 074 617 A2

[H.sapiens]//1.1e-71:313:99//Hs.163754:AA587784

5 F-NT2RM4001489//Homo sapiens mRNA for KIAA0685 protein, complete cds//3.9e-157:724:99//Hs.153121:AB014585

F-NT2RM4001519//ESTs//0.66:264:59//Hs.139891:AA553619

10 F-NT2RM4001522//ESTs, Weakly similar to D9481.12 gene product [S.cerevisiae]//1.3e-114:536:99//Hs.88820:AA456247

F-NT2RM4001557

15

F-NT2RM4001565//ESTs//1.7e-107:509:99//Hs.146139:AA731487

20 F-NT2RM4001566//Human phosphatidylinositol 3-kinase catalytic subunit p110delta mRNA, complete cds//1.0:255:60//Hs.14207:U86453

F-NT2RM4001569//ESTs//1.4e-86:417:98//Hs.153044:AI198859

25

F-NT2RM4001582

F-NT2RM4001592//EST//0.61:142:64//Hs.162900:AA664566

30 F-NT2RM4001594//Homo sapiens mRNA for KIAA0522 protein, partial cds//0.0072:484:60//Hs.129892:AB011094

35 F-NT2RM4001597//ESTs, Moderately similar to red-1 [M.musculus]//2.3e-72:387:95//Hs.114722:AA448077

F-NT2RM4001605//Homo sapiens mRNA for KIAA0791 protein, complete cds//1.1e-163:750:99//Hs.23255:AB018334

40

F-NT2RM4001611//ESTs, Weakly similar to F25H9.6 [C.elegans]//8.6e-05:91:79//Hs.24647:W19739

45

F-NT2RM4001629//ESTs, Moderately similar to 55 KD ERYTHROCYTE MEMBRANE PROTEIN [Homo sapiens]//0.0042:153:68//Hs.114832:AI147946

50 F-NT2RM4001650//Human mRNA for KIAA0341 gene, partial cds//0.95:328:60//Hs.101761:AB002339

F-NT2RM4001662//Human mRNA for KIAA0322 gene, partial cds//8.3e-83:449:93//Hs.153685:AB002320

55

F-NT2RM4001666//ESTs//2.1e-11:78:96//Hs.152446:AA555323

EP 1 074 617 A2

F-NT2RM4001682//EST//0.027:145:70//Hs.133253:AI052638

F-NT2RM4001710//ESTs//0.098:140:62//Hs.5796:AA767384

5

F-NT2RM4001714//Human mRNA for KIAA0202 gene, partial cds//2.2e-86:748:74//Hs.80712:D86957

10

F-NT2RM4001715//ESTs//1.3e-104:490:99//Hs.127336:AI332905

F-NT2RM4001731//Human involucrin mRNA//0.23:432:59//Hs.157091:M13903

15

F-NT2RM4001741//Human mRNA for KIAA0320 gene, partial cds//6.9e-80:737:73//Hs.150443:AB002318

20

F-NT2RM4001746//H.sapiens NF-H gene, exon 1 (and joined CDS)//2.1e-07:418:61//Hs.75735:X15306

25

F-NT2RM4001754//ESTs, Weakly similar to RETROVIRUS-RELATED POL POLYPROTEIN [Mus musculus]//2.0e-27:205:83//Hs.110601:AA206719

F-NT2RM4001758//H.sapiens mRNA for serine/threonine protein kinase EMK//2.1e-86:729:75//Hs.157199:X97630

30

F-NT2RM4001776//Homo sapiens mRNA for KIAA0727 protein, partial cds//7.4e-175:803:99//Hs.39871:AB018270

35

F-NT2RM4001783//ESTs, Weakly similar to T12D8.i [C.elegans]//3.1e-71:376:95//Hs.108396:AA160677

40

F-NT2RM4001810//Homo sapiens centrosomal Nek2-associated protein 1 (C-NAP1) mRNA, complete cds//0.99:446:58//Hs.27910:AF049105

F-NT2RM4001813//Homo sapiens clone 24820 mRNA sequence//6.6e-14:249:70//Hs.146312:AF070547

45

F-NT2RM4001819//Cell division cycle 2-like 1 (PITSLRE proteins)//1.4e-35:195:95//Hs.963:M37712

50

F-NT2RM4001823//ESTs, Weakly similar to ZINC FINGER PROTEIN 91 [H.sapiens]//2.3e-40:252:90//Hs.119294:AI379442

F-NT2RM4001828//Zinc finger protein 157 (HZF22)//1.8e-75:688:72//Hs.89897:U28687

55

F-NT2RM4001836//NUCLEOBINDIN PRECURSOR//0.0022:588:59//Hs.953 :M96824

F-NT2RM4001841//ESTs//0.86:156:67//Hs.146276:AI214204

EP 1 074 617 A2

- F-NT2RM4001842//ESTs//0.20:191:62//Hs.107657:AA126814
- 5 F-NT2RM4001856
- F-NT2RM4001858//Human putative cerebral cortex transcriptional regulator T-Brain-1 (Tbr-1) mRNA, complete cds//8.0e-10:244:66//Hs.22138:U49250
- 10 F-NT2RM4001865//Homo sapiens mRNA for atopy related autoantigen CALC//2.3e-150:704:98//Hs.61628:Y17711
- 15 F-NT2RM4001876//Human mRNA for KIAA0231 gene, partial cds//9.1e-44:621:66//Hs.7938:D86984
- F-NT2RM4001880
- 20 F-NT2RM4001905//ESTs//7.5e-11:137:75//Hs.86950:AI204212
- F-NT2RM4001922//ESTs//2.5e-51:291:93//Hs.26660:AI312633
- 25 F-NT2RM4001930//Homo sapiens mRNA for putative glucosyltransferase, partial cds//0.98:359:57//Hs.155356:AJ224875
- 30 F-NT2RM4001938
- F-NT2RM4001940//Homo sapiens timeless homolog mRNA, complete cds//3.6e-172:808:98//Hs.118631:AF098162
- 35 F-NT2RM4001953//Human mRNA for KIAA0118 gene, partial cds//5.0e-54:362:83//Hs.154326:D42087
- 40 F-NT2RM4001965//ESTs, Weakly similar to KIAA0157 gene product is novel. [H.sapiens]//1.8e-65:337:96//Hs.130135:AA905493
- F-NT2RM4001969//ESTs//0.00024:261:63//Hs.157579:AI312862
- 45 F-NT2RM4001979//Homo sapiens mRNA for KIAA0798 protein, complete cds//3.2e-63:527:76//Hs.159277:AB018341
- 50 F-NT2RM4001984//EST//7.1e-05:235:61//Hs.105444:AA508082
- F-NT2RM4001987//Homo sapiens mRNA for KIAA0467 protein, partial cds//0.73:181:65//Hs.11147:AB007936
- 55 F-NT2RM4002013//ESTs//0.97:185:63//Hs.103345:AI302271

EP 1 074 617 A2

F-NT2RM4002018//ESTs//2.5e-76:398:94//Hs.119544:T95601

F-NT2RM4002034

5

F-NT2RM4002044//ESTs//9.6e-83:410:97//Hs.128162:AA815048

F-NT2RM4002054//EST//8.5e-12:176:71//Hs.137181:R56912

10

F-NT2RM4002055//Homo sapiens mRNA for KIAA0640 protein, partial cds//3.3e-173:803:98//Hs.153026:AB014540

15

F-NT2RM4002062//ESTs, Weakly similar to ASPARTYL-TRNA SYNTHETASE [Thermus aquaticus thermophilus]//7.0e-94:396:94//Hs.59346:AI126802

F-NT2RM4002063

20

F-NT2RM4002066//Homo sapiens OPA-containing protein mRNA, complete cds//1.1e-74:889:69//Hs.85313:AF071309

25

F-NT2RM4002067//ESTs//2.3e-34:455:69//Hs.118273:AA626040

F-NT2RM4002073//Insulin-like growth factor binding protein 2//3.2e-10:470:61//Hs.162:X16302

30

F-NT2RM4002075//Homo sapiens actin binding protein MAYVEN mRNA, complete cds//2.9e-24:588:61//Hs.122967:AF059569

35

F-NT2RM4002093//Polypyrimidine tract binding protein (hnRNP I) {alternative products}//9.2e-34:532:65//Hs.146459:X66975

F-NT2RM4002109//Homo sapiens mitotic centromere-associated kinesin mRNA, complete cds//0.99:408:62//Hs.69360:U63743

40

F-NT2RM4002128//Homo sapiens mRNA for KIAA0642 protein, partial cds//0.93:202:63//Hs.8152:AB014542

45

F-NT2RM4002140//Human p300 protein mRNA, complete cds//0.99:320:59//Hs.25272:U01877

50

F-NT2RM4002145//CARBOXYPEPTIDASE N 83 KD CHAIN//2.7e-06:388:59//Hs.73858:J05158

F-NT2RM4002146//ESTs, Highly similar to similar to mago nashi [H.sapiens]//1.6e-135:646:97//Hs.104650:AI037879

55

F-NT2RM4002161//Homo sapiens laforin (EPM2A) mRNA, partial cds//1.4e-150:763:

EP 1 074 617 A2

95//Hs.22464:AF084535

F-NT2RM4002174

5

F-NT2RM4002189//Mucin 2, intestinal/tracheal//0.087:298:61//Hs.315:L21998

10

F-NT2RM4002194//Human semaphorin III family homolog mRNA, complete cds//7.3e-11:454:60//Hs.32981:U38276

F-NT2RM4002205//EST//2.6e-21:270:71//Hs.120013:AA707454

15

F-NT2RM4002213//Homo sapiens mRNA for KIAA0610 protein, partial cds//0.52:313:61//Hs.118087:AB011182

20

F-NT2RM4002226//ESTs, Highly similar to GTPASE ACTIVATING PROTEIN ROTUND [Drosophila melanogaster]//8.4e-125:588:98//Hs.23900:U82984

F-NT2RM4002251//ESTs//1.0:77:74//Hs.155135:AA910966

25

F-NT2RM4002256//ESTs//7.5e-28:358:74//Hs.13356:AI205764

30

F-NT2RM4002266//Human kinase Myt1 (Myt1) mRNA, complete cds//0.73:502:57//Hs.77783:AF014118

F-NT2RM4002278//EST//0.33:138:63//Hs.144096:AI032180

F-NT2RM4002281

35

F-NT2RM4002287//ESTs//0.00037:55:98//Hs.11134:T62979

40

F-NT2RM4002294//Human mRNA for KIAA0281 gene, complete cds//6.7e-50:511:72//Hs.31463:D87457

F-NT2RM4002301

45

F-NT2RM4002323//ESTs//3.6e-09:105:87//Hs.131737:AI343331

F-NT2RM4002339

50

F-NT2RM4002344//EST//0.16:166:64//Hs.128600:AA906454

55

F-NT2RM4002373//Homo sapiens mRNA for KIAA0649 protein, complete cds//9.1e-151:708:98//Hs.26163:AB014549

F-NT2RM4002374//Homo sapiens mRNA for KIAA0720 protein, partial cds//0.0040:303:63//Hs.23741:AB018263

EP 1 074 617 A2

- F-NT2RM4002383//ESTs//8.0e-16:153:78//Hs.155243:N70293
- 5 F-NT2RM4002390
- F-NT2RM4002398
- 10 F-NT2RM4002409
- F-NT2RM4002438//ESTs, Weakly similar to probable CBP3 protein homolog
[C.elegans]//1.1e-55:282:96//Hs.26676:AA033997
- 15 F-NT2RM4002446//Homo sapiens clone 24574 mRNA sequence//0.59:339:60//Hs.18686:
AF052151
- 20 F-NT2RM4002452
- F-NT2RM4002457//Homo sapiens mRNA for epiregulin, complete cds//3.2e-25:228:
81//Hs.115263:D30783
- 25 F-NT2RM4002460//EST//1.0:142:65//Hs.145370:AI252780
- F-NT2RM4002479//Homo sapiens RNA helicase-related protein mRNA, complete cds//8.9e-
165:777:98//Hs.8765:AF083255
- 30 F-NT2RM4002482//Homo sapiens mRNA for KIAA0691 protein, complete cds//7.3e-95:464:
97//Hs.94781:AB014591
- 35 F-NT2RM4002493
- F-NT2RM4002499//ESTs//1.3e-44:653:67//Hs.23790:N99347
- 40 F-NT2RM4002504//Small inducible cytokine A5 (RANTES)//4.3e-30:225:83//Hs.155464:
AF088219
- 45 F-NT2RM4002527//Human pre-B cell enhancing factor (PBEF) mRNA, complete cds//0.99:
290:60//Hs.154968:U02020
- 50 F-NT2RM4002532//Human mRNA for KIAA0238 gene, partial cds//1.0:232:61//Hs.82042:
D87075
- F-NT2RM4002534//Homo sapiens angiotensin/vasopressin receptor All/AVP mRNA,
complete cds//1.0:100:70//Hs.159483:AF054176
- 55 F-NT2RM4002558//Homo sapiens amphiphysin II mRNA, complete cds//0.17:393:
61//Hs.6619:U84004

EP 1 074 617 A2

- 5 F-NT2RM4002565//Homo sapiens mRNA for Asparaginyl tRNA Synthetase, complete cds//1.0:226:60//Hs.84043:D84273
- 10 F-NT2RM4002567//ESTs, Weakly similar to C17G10.1 [C.elegans]//3.3e-88:484:93//Hs.105837:AA536054
- 15 F-NT2RM4002571//ESTs, Weakly similar to UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase [H.sapiens]//0.059:121:70//Hs.155413:AA429394
- F-NT2RM4002593//ESTs//1.0e-15:103:95//Hs.108920:W28151
- 20 F-NT2RM4002594//Homo sapiens 26S proteasome regulatory subunit (SUG2) mRNA, complete cds//1.0e-06:499:59//Hs.79357:D78275
- F-NT2RM4002623//ESTs//1.2e-11:92:92//Hs.164046:T97402
- 25 F-NT2RP1000018//Homo sapiens mRNA for KIAA0687 protein, partial cds//2.0e-102:746:81//Hs.3628:AB014587
- F-NT2RP1000035//Homo sapiens mRNA for NS1-binding protein (NS1-BP)//3.7e-155:747:96//Hs.159597:AJ012449
- 30 F-NT2RP1000040//ESTs//1.3e-58:338:92//Hs.17534:H16907
- F-NT2RP1000063//ESTs//0.0013:72:83//Hs.108196:W81647
- 35 F-NT2RP1000086//Human mRNA for KIAA0360 gene, partial cds//5.4e-185:548:91//Hs.79971:X98834
- 40 F-NT2RP1000101//Homo sapiens hook2 protein (HOOK2) mRNA, complete cds//0.33:247:61//Hs.30792:AF044924
- F-NT2RP1000111
- 45 F-NT2RP1000112//TTK protein kinase//3.2e-40:324:81//Hs.2052:M86699
- F-NT2RP1000124//ESTs//2.4e-42:268:89//Hs.146078:AI084025
- 50 F-NT2RP1000130//ESTs, Moderately similar to HEPATOMA-DERIVED GROWTH FACTOR [H.sapiens]//1.4e-71:382:94//Hs.127842:W38901
- 55 F-NT2RP1000163//Homo sapiens cell cycle progression 2 protein (CPR2) mRNA, complete cds//2.1e-06:77:90//Hs.3760:AF011792
- F-NT2RP1000170//EST//0.68:130:63//Hs.146994:AI184430

EP 1 074 617 A2

- 5 F-NT2RP1000174//Homo sapiens clone 24432 mRNA sequence//8.3e-140:679:
97//Hs.78019:AF070535
- F-NT2RP1000191//ESTs//1.3e-71:405:93//Hs.24054:N46499
- 10 F-NT2RP1000202//H.sapiens mRNA for cytokine inducible nuclear protein//2.0e-05:591:
58//Hs.74019:X83703
- F-NT2RP1000243
- 15 F-NT2RP1000259
- F-NT2RP1000272//Homo sapiens TLS-associated protein TASR-2 mRNA, complete
cds//5.4e-109:528:97//Hs.4214:AF067730
- 20 F-NT2RP1000324//ESTs//3.4e-98:499:96//Hs.42530:N41661
- F-NT2RP1000326//Homo sapiens metaxin 2 (MTX2) mRNA, nuclear gene encoding
25 mitochondrial protein, complete cds//1.3e-148:693:98//Hs.31584:AF053551
- F-NT2RP1000333//Homo sapiens monocyte/macrophage Ig-related receptor MIR-10 (MIR cl-
10) mRNA, complete cds//0.28:328:60//Hs.22405:AF004231
- 30 F-NT2RP1000348//Human plectin (PLEC1) mRNA, complete cds//0.018:337:62//Hs.79706:
U53204
- 35 F-NT2RP1000357
- F-NT2RP1000358//DYNAMIN-1//0.96:273:59//Hs.126:L07807
- 40 F-NT2RP1000363//Homo sapiens mRNA for KIAA0638 protein, partial cds//3.2e-126:497:
86//Hs.77864:AB014538
- F-NT2RP1000376//Homo sapiens calcium-independent phospholipase A2 mRNA, complete
45 cds//5.9e-178:877:96//Hs.120360:AF064594
- F-NT2RP1000409//ESTs//5.4e-59:415:83//Hs.140578:AA828031
- 50 F-NT2RP1000413//Homo sapiens mRNA for KIAA0587 protein, complete cds//3.0e-179:710:
98//Hs.21862:AB011159
- 55 F-NT2RP1000416//ESTs, Highly similar to BONE MORPHOGENETIC PROTEIN 1
PRECURSOR [Mus musculus]//7.3e-177:857:97//Hs.6823:W18181
- F-NT2RP1000418//Homo sapiens calcium-activated potassium channel (KCNN3) mRNA,

EP 1 074 617 A2

complete cds//0.46:222:60//Hs.89230:AF031815

F-NT2RP1000439//EST//0.98:339:56//Hs.137377:AA101603

5

F-NT2RP1000443//Human SLP-76 associated protein mRNA, complete cds//1.0:356:59//Hs.58435:AF001862

10

F-NT2RP1000460

F-NT2RP1000470//Human DNA from chromosome 19-specific cosmid R27090, genomic sequence//3.7e-134:665:96//Hs.143187:AC002985

15

F-NT2RP1000478//Human beta-tubulin class III isotype (beta-3) mRNA, complete cds//6.2e-57:440:80//Hs.159154:U47634

20

F-NT2RP1000481//ESTs//4.8e-21:154:87//Hs.17392:AA535102

F-NT2RP1000493

25

F-NT2RP1000513//ESTs//2.2e-71:409:91//Hs.121029:AA480977

F-NT2RP1000522//Homo sapiens clone DT1P1A11 mRNA, CAG repeat region//0.21:255:62//Hs.98834:U92992

30

F-NT2RP1000547//H.sapiens mRNA for transmembrane protein rnp24//1.9e-06:337:63//Hs.75914:X92098

35

F-NT2RP1000574//Homo sapiens homeobox protein MEIS2 (MEIS2) mRNA, partial cds//1.4e-82:295:92//Hs.104105:AF017418

40

F-NT2RP1000577//Human sialoprotein mRNA, complete cds//0.014:235:65//Hs.121552:J05213

45

F-NT2RP1000581//VON WILLEBRAND FACTOR PRECURSOR//1.6e-33:223:89//Hs.110802:X04385

F-NT2RP1000609//Homo sapiens chromosome 11, BAC CIT-HSP-311e8 (BC269730) containing the hFEN1 gene//2.2e-49:506:73//Hs.132898:AC004770

50

F-NT2RP1000629//Human clathrin assembly protein 50 (AP50) mRNA, complete cds//3.6e-19:556:62//Hs.152936:D63475

55

F-NT2RP1000630

F-NT2RP1000677//Human breast tumor autoantigen mRNA, complete sequence//2.4e-05:389:59//Hs.3844:U24576

EP 1 074 617 A2

- 5 F-NT2RP1000688//ESTs, Weakly similar to T06E6.d [C.elegans]//2.5e-43:232:95//Hs.3487:AA425553
- F-NT2RP1000695//ESTs, Weakly similar to C27F2.7 gene product [C.elegans]//9.2e-53:312:90//Hs.7049:AI141736
- 10 F-NT2RP1000701//Myogenic factor 3//0.81:186:63//Hs.2834:AF027148
- F-NT2RP1000721//Homo sapiens mRNA for repressor protein, partial cds//4.0e-33:278:78//Hs.58167:D30612
- 15 F-NT2RP1000730//ESTs, Weakly similar to putative p150 [H.sapiens]//6.2e-40:297:84//Hs.18122:AI338045
- 20 F-NT2RP1000733//G1 to S phase transition 1//1.4e-31:286:78//Hs.2707:X17644
- F-NT2RP1000738//Homo sapiens Wolf-Hirschhorn syndrome candidate 2 protein (WHSC2) mRNA, complete cds//2.6e-123:604:96//Hs.21771:AF101434
- 25 F-NT2RP1000746
- F-NT2RP1000767
- 30 F-NT2RP1000782//Human globin gene//3.6e-21:140:91//Hs.100090:M69023
- F-NT2RP1000796//H.sapiens mRNA for ROX protein//0.17:404:57//Hs.25497:X96401
- 35 F-NT2RP1000825//Human DNA sequence from PAC 127B20 on chromosome 22q11.2-qter, contains gene for GTPase-activating protein similar to rhoGAP protein. ribosomal protein L6 pseudogene, ESTs and CA repeat//2.7e-23:147:91//Hs.102336:Z83838
- 40 F-NT2RP1000833//Homo sapiens cGMP phosphodiesterase A1 (PDE9A) mRNA, complete cds//5.4e-143:424:96//Hs.18953:AF0672 23
- 45 F-NT2RP1000834//ESTs//0.18:280:60//Hs.157215:AI332903
- F-NT2RP1000836//EST//0.60:103:66//Hs.145708:AI267990
- 50 F-NT2RP1000846//EST//1.2e-15:322:65//Hs.149925:AI288838
- F-NT2RP1000851//ESTs//6.1e-96:459:98//Hs.121586:AA423875
- 55 F-NT2RP1000856//Human globin gene//6.7e-22:140:91//Hs.100090:M69023
- F-NT2RP1000860//Homo sapiens KL04P mRNA, complete cds//2.2e-107:551:

EP 1 074 617 A2

95//Hs.125156:AF064094

F-NT2RP1000902//EST//1.8e-28:218:85//Hs.145258:AI218683

5

F-NT2RP1000915//ESTs//8.8e-11:102:81//Hs.163740:AI248847

F-NT2RP1000916//ESTs, Weakly similar to coded for by C. elegans cDNA cm04e9
[C.elegans]//2.2e-27:159:94//Hs.122153:AA780270

10

F-NT2RP1000943//Human hSIAH2 mRNA, complete cds//0.45:130:68//Hs.20191:U76248

15

F-NT2RP1000944//EST//0.99:116:63//Hs.116633:AA668400

F-NT2RP1000947//Human E2 ubiquitin conjugating enzyme Ubch5B (UBCH5B) mRNA,
complete cds//2.7e-26:185:87//Hs.108332:U39317

20

F-NT2RP1000954//Homo sapiens BACH1 mRNA, complete cds//0.81:329:56//Hs.154276:
AB002803

25

F-NT2RP1000958//ESTs//1.3e-20:129:92//Hs.163740:AI248847

F-NT2RP1000959//Ribosomal protein, large, P0//0.36:76:73//Hs.73742:M17885

30

F-NT2RP1000966//NUCLEOLIN//1.2e-72:353:98//Hs.79110:M60858

F-NT2RP1000980//ESTs//1.6e-109:555:96//Hs.84429:N28866

35

F-NT2RP1000988//Human chromosome 3p21.1 gene sequence//2.6e-73:665:80//Hs.82837:
L13435

F-NT2RP1001011

40

F-NT2RP1001013//ESTs//3.4e-40:393:74//Hs.120206:AI089163

F-NT2RP1001014

45

F-NT2RP1001033//Tubulin, gamma polypeptide//0.00041:313:59//Hs.150785:M61764

F-NT2RP1001073//Glucocorticoid receptor//1.0:204:61//Hs.75772:M10901

50

F-NT2RP1001079//ESTs//1.0:174:62//Hs.158209:AI360531

F-NT2RP1001080//Homo sapiens forkhead protein (FKHRL1) mRNA, complete cds//0.57:
215:64//Hs.14845:AF032886

55

F-NT2RP1001113//ESTs, Weakly similar to coded for by C. elegans cDNA CEESB82F

EP 1 074 617 A2

[C.elegans]/1.4e-65:293:95//Hs.32751:H38087

F-NT2RP1001173

5

F-NT2RP1001177//Homo sapiens histone macroH2A1.2 mRNA, complete cds//6.1e-26:259:74//Hs.75258:AF054174

10

F-NT2RP1001185//EST//1.4e-27:266:77//Hs.122245:AA781524

F-NT2RP1001199//ESTs//0.97:75:73//Hs.131498:AI022150

15

F-NT2RP1001247//Human endometrial bleeding associated factor mRNA, complete cds//1.6e-19:120:95//Hs.25195:U81523

F-NT2RP1001248//ESTs//3.0e-21:143:93//Hs.157243:AI337094

20

F-NT2RP1001253//PUTATIVE GLUCOSAMINE-6-PHOSPHATE ISOMERASE//1.2e-89:344:93//Hs.3090:AJ002231

25

F-NT2RP1001286//H.sapiens mRNA for adenosine triphosphatase, calcium//0.026:392:57//Hs.5541:Y15724

F-NT2RP1001294

30

F-NT2RP1001302

35

F-NT2RP1001310//Homo sapiens creatine transporter mRNA, complete cds//3.6e-07:379:61//Hs.154503:U36341

F-NT2RP1001311//ESTs//9.5e-73:403:93//Hs.24739:H67815

40

F-NT2RP1001313//Homo sapiens chromosome 11, BAC CIT-HSP-311e8 (BC269730) containing the hFEN1 gene//3.1e-87:437:97//Hs.132898:AC004770

45

F-NT2RP1001361//ESTs, Highly similar to NADH-UBIQUINONE OXIDOREDUCTASE SUBUNIT B14.5B [Bos taurus]//6.8e-101:480:94//Hs.75017:AA166853

F-NT2RP1001385//EST//0.86:127:65//Hs.156304:AI336859

50

F-NT2RP1001395//Homo sapiens stannin mRNA, complete cds//0.75:355:58//Hs.76691:AF070673

F-NT2RP1001410//Thromboxane A2 receptor//1.0:157:63//Hs.89887:D38081

55

F-NT2RP1001424//ESTs//5.3e-20:118:95//Hs.159792:R60700

EP 1 074 617 A2

F-NT2RP1001432//ESTs//5.3e-20:118:95//Hs.159792:R60700

5 F-NT2RP1001449//Homo sapiens clone 24733 mRNA sequence//5.7e-86:422:97//Hs.21970:
AF052149

F-NT2RP1001457//H.sapiens DAP-kinase mRNA//0.40:231:61//Hs.153924:X76104

10 F-NT2RP1001466

F-NT2RP1001475//ESTs//1.2e-98:495:97//Hs.14347:AA287742

15 F-NT2RP1001482

F-NT2RP1001494

20 F-NT2RP1001543//ESTs//1.2e-38:207:98//Hs.131063:AI016400

F-NT2RP1001546//Homo sapiens mRNA for DAP-1 beta, complete cds//0.00077:254:
25 64//Hs.75814:AB000277

F-NT2RP1001569

30 F-NT2RP1001616//Homo sapiens Tax interaction protein 1 mRNA, partial cds//2.5e-41:496:
74//Hs.12956:U90913

F-NT2RP1001665//ESTs//9.4e-58:311:96//Hs.127391:AA954420

35 F-NT2RP2000001//Homo sapiens clone 617 unknown mRNA, complete sequence//4.7e-
137:685:96//Hs.93677:AF091081

40 F-NT2RP2000006//ESTs, Weakly similar to B0035.14 [C .elegans]//8.2e-47:300:89//Hs.6473:
AA853955

F-NT2RP2000007//Human mRNA for KIAA0392 gene, partial cds//1.1e-15:241:68//Hs.40100:
45 AB002390

F-NT2RP2000008//Human mRNA for KIAA0065 gene, partial cds//1.5e-29:526:66//Hs.70617:
D31763

50 F-NT2RP2000027//ESTs, Highly similar to LINE-1 REVERSE TRANSCRIPTASE HOMOLOG
[Homo sapiens]//2.0e-26:214:82//Hs.140385:AA773359

55 F-NT2RP2000032//ESTs//0.91:368:57//Hs.131209:AI038867

F-NT2RP2000040//Homo sapiens mRNA for KIAA0747 protein, partial cds//6.1e-78:383:
97//Hs.8309:AB018290

EP 1 074 617 A2

- 5 F-NT2RP2000045//Homo sapiens tumorous imaginal discs protein Tid56 homolog (TID1) mRNA, complete cds//7.8e-97:467:97//Hs.6216:AF061749
- 10 F-NT2RP2000054//HOMEBOX/POU DOMAIN PROTEIN RDC-1//1.0:110:70//Hs.74095:L20433
- 15 F-NT2RP2000056//Human HPTP epsilon mRNA for protein tyrosine phosphatase epsilon//1.2e-27:146:100//Hs.155991:X54134
- 20 F-NT2RP2000067//Human DNA sequence from clone 1052M9 on chromosome Xq25. Contains the SH2D1A gene for SH2 domain protein 1A, Duncan's disease (lymphoproliferative syndrome) (DSHP), part of a 60S Acidic Ribosomal protein 1 (RPLP1) LIKE gene and part of a mouse DOC4 LIKE gene. Contains ESTs and GSSs//8.1e-41:767:61//Hs.23796:AL022718 F-NT2RP2000070//Homo sapiens chromosome 5, BAC clone 203o13 (LBNL H155), complete sequence//6.5e-08:344:58//Hs.159402:AC005609
- 25 F-NT2RP2000076//H.sapiens mRNA for TFIIA//0.00023:356:62//Hs.121686:D14887
- 30 F-NT2RP2000077//Homo sapiens growth arrest specific 11 (GAS11) mRNA, complete cds//6.8e-79:278:97//Hs.54877:AF050078
- 35 F-NT2RP2000079//ESTs//1.2e-36:202:94//Hs.17606:AI279879
- 40 F-NT2RP2000088//Homo sapiens mRNA for KIAA0795 protein, partial cds//7.1e-160:752:98//Hs.22926:AB018338
- 45 F-NT2RP2000091
- F-NT2RP2000097
- 50 F-NT2RP2000098//ESTs//0.086:92:69//Hs.159389:AI371963
- 55 F-NT2RP2000108//Human mRNA for KIAA0392 gene, partial cds//1.4e-18:200:77//Hs.40100:AB002390
- F-NT2RP2000114//Homo sapiens mRNA for GM3 synthase, complete cds//1.6e-115:551:97//Hs.17706:AB018356
- F-NT2RP2000120//ESTs, Weakly similar to HYPOTHETICAL 68.7 KD PROTEIN ZK757.1 IN CHROMOSOME III [C.elegans]//0.019:72:81//Hs.5268:W22670
- F-NT2RP2000126//Homo sapiens chromodomain-helicase-DNA-binding protein mRNA, complete cds//1.4e-120:607:96//Hs.159273:AF054177
- F-NT2RP2000133//Neuronal pentraxin II//0.00014:401:61//Hs.3281:U29195

EP 1 074 617 A2

- 5 F-NT2RP2000147//Human clathrin assembly protein 50 (AP50) mRNA, complete cds//2.2e-18:559:60//Hs.152936:D63475
- F-NT2RP2000153//Homo sapiens splicing factor (CC1.3) mRNA, complete cds//0.33:85:70//Hs.256:L10910
- 10 F-NT2RP2000157//ESTs//0.53:75:81//Hs.24885:R49291
- F-NT2RP2000161//ESTs//2.6e-06:89:84//Hs.21738:AI188190
- 15 F-NT2RP2000173
- F-NT2RP2000175
- 20 F-NT2RP2000183//Homo sapiens mRNA for dihydropyrimidinase related protein 4, complete cds//0.0018:324:58//Hs.100058:AB006713
- 25 F-NT2RP2000195//ESTs, Weakly similar to C37E2.2 [C.elegans]//3.6e-37:233:90//Hs.56750:AI148761
- F-NT2RP2000205//ESTs//5.6e-58:317:93//Hs.49559:AA401050
- 30 F-NT2RP2000208
- F-NT2RP2000224//Homo sapiens hLRp105 mRNA for LDL receptor related protein 105, complete cds//0.0071:243:61//Hs.143641:AB009462
- 35 F-NT2RP2000232//EST//0.0087:187:62//Hs.151024:Z39990
- 40 F-NT2RP2000233//Homo sapiens Notch3 (NOTCH3) mRNA, complete cds//0.17:342:59//Hs.8546:U97669
- F-NT2RP2000239//Human mRNA for KIAA0380 gene, complete cds//1.0:227:60//Hs.47822:AB002378
- 45 F-NT2RP2000248//EST//0.49:117:70//Hs.61016:AA019719
- 50 F-NT2RP2000257//Macrophage stimulating 1 (hepatocyte growth factor-like)//0.51:227:60//Hs.30223:X90846
- F-NT2RP2000258//ESTs//3.1e-48:261:94//Hs.128230:AA972691
- 55 F-NT2RP2000270//ESTs//2.9e-38:357:75//Hs.140329:AA714011
- F-NT2RP2000274//ESTs//1.1e-106:508:98//Hs.47646:AA307599

EP 1 074 617 A2

- F-NT2RP2000283//EST//1.0:139:63//Hs.128256:AA972910
- 5 F-NT2RP2000288
- F-NT2RP2000289
- 10 F-NT2RP2000297//Human repressor transcriptional factor (ZNF85) mRNA, complete
cds//4.2e-60:744:70//Hs.37138:U35376
- F-NT2RP2000298//ESTs//6.1e-46:322:85//Hs.159490:AI123467
- 15 F-NT2RP2000310//Human proline dehydrogenase/proline oxidase (PRODH) mRNA,
complete cds//4.3e-13:140:80//Hs.58218:U82381
- 20 F-NT2RP2000327//ESTs//4.3e-18:108:98//Hs.126212:AI417006
- F-NT2RP2000328//ESTs//6.3e-88:437:96//Hs.127336:AI332905
- 25 F-NT2RP2000329//GTP:AMP PHOSPHOTRANSFERASE MITOCHONDRIAL//6.6e-41:607:
66//Hs.101642:X60673
- F-NT2RP2000337//Homo sapiens neurocan (CSPG3) mRNA, complete cds//0.96:126:
30 69//Hs.153706:AF026547
- F-NT2RP2000346//Homo sapiens apoptosis associated protein (GADD34) mRNA, complete
cds//1.2e-130:627:97//Hs.76556:U83981
- 35 F-NT2RP2000369//Homo sapiens mRNA for KIAA0630 protein, partial cds//0.56:464:
57//Hs.12259:AB014530
- 40 F-NT2RP2000412//ESTs//1.0:214:60//Hs.91226:AA649047
- F-NT2RP2000414//Homo sapiens HnRNP F protein mRNA, complete cds//1.6e-67:375:
45 93//Hs.808:L28010
- F-NT2RP2000420//ESTs, Moderately similar to zinc finger protein [H.sapiens]//3.9e-75:413:
92//Hs.36779:AA626790
- 50 F-NT2RP2000422//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA,
complete cds//6.7e-128:609:96//Hs.5819:AF102265
- F-NT2RP2000438//ESTs//1.3e-05:50:98//Hs.156532:AA913381
- 55 F-NT2RP2000448//EST//1.1e-24:136:98//Hs.160402:AI393918

EP 1 074 617 A2

F-NT2RP2000459//H.sapiens mRNA for imogen 38//1.9e-22:158:87//Hs.154655:Z68747

F-NT2RP2000498//ESTs//1.0e-17:181:79//Hs.155243:N70293

5

F-NT2RP2000503//ESTs//4.5e-41:205:100//Hs.62751:AA765702

F-NT2RP2000510

10

F-NT2RP2000516

F-NT2RP2000523//ESTs, Highly similar to APOLIPOPROTEIN B MRNA EDITING PROTEIN
[Rattus norvegicus]//3.2e-15:167:75//Hs.10984:AA806768

15

F-NT2RP2000603//Homo sapiens mRNA for KIAA0572 protein, partial cds//5.6e-38:196:
98//Hs.14409:AB011144

20

F-NT2RP2000617//Myosin, heavy polypeptide 6, cardiac muscle, alpha (cardiomyopathy,
hypertrophic 1)//1.0:242:57//Hs.114001:Z20656

25

F-NT2RP2000634//Homo sapiens mRNA for KIAA0614 protein, partial cds//4.2e-151:732:
97//Hs.7314:AB014514

F-NT2RP2000644//ESTs//0.035:276:60//Hs.43660:N33174

30

F-NT2RP2000656

F-NT2RP2000658//ESTs//0.032:281:59//Hs.124853:AA420602

35

F-NT2RP2000668

F-NT2RP2000678//ESTs//2.9e-16:310:65//Hs.126867:AI093453

40

F-NT2RP2000704//ESTs, Highly similar to PUTATIVE SERINE/THREONINE-PROTEIN
KINASE C41C4.4 IN CHROMOSOME II PRECURSOR [Caenorhabditis elegans]//2.4e-31:233:
78//Hs.114905:AA088442

45

F-NT2RP2000710

F-NT2RP2000715

50

F-NT2RP2000731

F-NT2RP2000758//EST//1.0e-14:199:71//Hs.162409:AA573242

55

F-NT2RP2000764//ESTs, Weakly similar to NIFS-LIKE 54.5 KD PROTEIN [Saccharomyces
cerevisiae]//1.6e-74:445:89//Hs.21421:AA911739

EP 1 074 617 A2

F-NT2RP2000809//ESTs//1.2e-36:235:89//Hs.154580:N34101

5 F-NT2RP2000812//Homo sapiens pendrin (PDS) mRNA, complete cds//0.22:351:58//Hs.159275:AF030880

F-NT2RP2000814

10

F-NT2RP2000816//Homo sapiens mRNA for KIAA0610 protein, partial cds//1.0:311:61//Hs.118087:AB011182

15 F-NT2RP2000819

F-NT2RP2000841//Human mRNA for KIAA0294 gene, complete cds//3.4e-28:390:70//Hs.20695:AB002292

20

F-NT2RP2000842//Human lysophosphatidic acid receptor homolog mRNA, complete cds//9.5e-29:167:94//Hs.75794:U80811

25 F-NT2RP2000845//ESTs//1.0e-83:403:98//Hs.156828:AI336850

F-NT2RP2000863//ESTs, Highly similar to HYPOTHETICAL 36.7 KD PROTEIN C2F7.02C IN CHROMOSOME I [Schizosaccharomyces pombe]//6.4e-34:207:92//Hs.135235:AI081880

30

F-NT2RP2000880//Homo sapiens mRNA for KIAA0741 protein, complete cds//7.7e-142:732:94//Hs.3615:AB018284

35 F-NT2RP2000892//ESTs, Weakly similar to mitogen-activated kinase kinase kinase 5 [H.sapiens]//0.50:189:65//Hs.46146:AA418097

F-NT2RP2000931//MATRIN3//1.1e-130:610:98//Hs.78825:AB018266

40

F-NT2RP2000932//Homo sapiens BAC clone GS166A23 from 7p21//5.5e-66:326:97//Hs.15144:AC005014

45 F-NT2RP2000938//ESTs//1.8e-28:296:75//Hs.22822:H06408

F-NT2RP2000943//Homo sapiens mRNA for KIAA0755 protein, complete cds//1.9e-113:533:98//Hs.19822:AB018298

50

F-NT2RP2000965//ESTs//5.3e-59:328:94//Hs.35575:R96494

F-NT2RP2000970

55

F-NT2RP2000985//ESTs, Weakly similar to HYPOTHETICAL 96.8 KD PROTEIN IN SIS2-MTD1 INTERGENIC REGION [Saccharomyces cerevisiae]//7.3e-76:385:96//Hs.21875:

EP 1 074 617 A2

AA243700

- 5 F-NT2RP2000987//ESTs//5.6e-11:177:72//Hs.15776:T91944
- F-NT2RP2001036//ESTs//2.0e-55:352:88//Hs.122131:AA789292
- 10 F-NT2RP2001044//EST//0.069:267:60//Hs.102808:N67117
- F-NT2RP2001056//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0488//1.0e-145:696:97//Hs.67619:AB007957
- 15 F-NT2RP2001065
- F-NT2RP2001070//Human mRNA for KIAA0315 gene, partial cds//1.0:310:60//Hs.3989:AB002313
- 20 F-NT2RP2001081
- F-NT2RP2001094//ESTs//0.0071:262:64//Hs.128115:AI356560
- 25 F-NT2RP2001119//Small inducible cytokine A5 (RANTES)//2.2e-34:311:78//Hs.155464:AF088219
- 30 F-NT2RP2001127//Human mRNA for KIAA0234 gene, complete cds//3.5e-33:519:63//Hs.80358:U52191
- 35 F-NT2RP2001137//ESTs, Highly similar to RAB GDP DISSOCIATION INHIBITOR ALPHA [Bos taurus]//6.4e-34:201:91//Hs.118470:AI336362
- F-NT2RP2001149//EST//3.9e-27:244:78//Hs.162236:AA551582
- 40 F-NT2RP2001168//ESTs//0.0023:216:62//Hs.134938:AI091361
- F-NT2RP2001173//Homo sapiens mRNA for KIAA0480 protein, complete cds//7.4e-114:567:96//Hs.26247:AB007949
- 45 F-NT2RP2001174//H.sapiens ZNF81 gene//0.21:256:59//Hs.104020:X68011
- F-NT2RP2001196
- 50 F-NT2RP2001218//ESTs//1.1e-65:337:96//Hs.115710:AA524598
- F-NT2RP2001226//Guanylate cyclase 1, soluble, alpha 2//0.030:395:59//Hs.2685:Z50053
- 55 F-NT2RP2001233//Zinc finger protein 136 (clone pHZ-20)//4.4e-58:656:70//Hs.69740:U09367

EP 1 074 617 A2

- F-NT2RP2001245//EST//0.018:228:62//Hs.116798:AA633813
- 5 F-NT2RP2001268//Homo sapiens mRNA for KIAA0810 protein, partial cds//8.1e-108:514:97//Hs.7531:AB018353
- F-NT2RP2001277//EST//0.42:127:66//Hs.42834:N20277
- 10 F-NT2RP2001290//Homo sapiens alpha SNAP mRNA, complete cds//1.8e-62:527:76//Hs.75848:U39412
- 15 F-NT2RP2001295//ESTs//3.4e-29:90:100//Hs.123321:AA810287
- F-NT2RP2001312//ESTs//1.0:121:61//Hs.160261:AI146387
- 20 F-NT2RP2001327//Human B12 protein mRNA, complete cds//1.9e-30:359:71//Hs.76090:M80783
- F-NT2RP2001328//ESTs//5.2e-103:532:94//Hs.69476:AA628522
- 25 F-NT2RP2001347//ESTs//4.3e-28:217:82//Hs.31775:H41883
- F-NT2RP2001366//ESTs, Weakly similar to ZK1058.5 [C.elegans]//1.8e-72:418:91//Hs.107039:W27244
- 30 F-NT2RP2001378
- 35 F-NT2RP2001381//ESTs//0.59:235:62//Hs.118569:AI377558
- F-NT2RP2001392//Homo sapiens chromosome 5, BAC clone 203o13 (LBNL H155), complete sequence//0.28:225:62//Hs.159402:AC005609
- 40 F-NT2RP2001394//ESTs//8.3e-22:133:78//Hs.109655:AI189767
- F-NT2RP2001397//ESTs//0.090:265:60//Hs.152775:AA633088
- 45 F-NT2RP2001420
- F-NT2RP2001423//ESTs, Weakly similar to hypothetical protein [H.sapiens]//0.030:443:59//Hs.140506:AA308018
- 50 F-NT2RP2001427//EST//1.9e-19:174:79//Hs.132635:AI032875
- 55 F-NT2RP2001436//EST//0.16:132:66//Hs.128265:AA972966
- F-NT2RP2001440//Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation

EP 1 074 617 A2

protein, eta polypeptide//9.8e-56:603:72//Hs.75544:Z82248

F-NT2RP2001445//ESTs//2.2e-26:193:86//Hs.128610:AA504218

5

F-NT2RP2001449

F-NT2RP2001450

10

F-NT2RP2001467

F-NT2RP2001506

15

F-NT2RP2001511//ESTs, Weakly similar to F48F7.1 [C.elegans]//3.2e-83:409:98//Hs.156161:AI333779

20

F-NT2RP2001520//Homo sapiens mRNA for mitochondrial carrier protein ARALAR1//6.4e-138:657:97//Hs.4277:Y14494

F-NT2RP2001526//EST//1.0:180:61//Hs.136311:AA437134

25

F-NT2RP2001536//Homo sapiens X-ray repair cross-complementing protein 3 (XRCC3) mRNA, complete cds//5.2e-105:384:94//Hs.99742:AF035586

30

F-NT2RP2001560

F-NT2RP2001569//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0488//1.4e-124:590:98//Hs.67619:AB007957

35

F-NT2RP2001576//Erythrocyte membrane protein band 4.9 (dematin)//0.046:521:60//Hs.75936:U28389

40

F-NT2RP2001581//EST//1.0:28:96//Hs.148002:AI264876

F-NT2RP2001597//Casein kinase 2, alpha prime polypeptide//0.069:165:65//Hs.82201:M55268

45

F-NT2RP2001601//Homo sapiens mRNA for KIAA0797 protein, partial cds//2.3e-138:647:98//Hs.27197:AB018340

50

F-NT2RP2001613

F-NT2RP2001628//ESTs//4.9e-45:238:96//Hs.135222:AI082229

55

F-NT2RP2001634//Homo sapiens alpha-catenin related protein (ACRP) mRNA, complete cds//4.9e-124:604:96//Hs.58488:U97067

EP 1 074 617 A2

F-NT2RP2001660//Homo sapiens putative 13 S Golgi transport complex 90kD subunit brain-specific isoform mRNA, complete cds//1.3e-145:687:97//Hs.159558:AF058718

5 F-NT2RP2001663//Enolase 1, (alpha)//4.2e-38:372:74//Hs.675:M14328

F-NT2RP2001675//X-LINKED HELICASE II//0.040:454:58//Hs.96264:U72936

10 F-NT2RP2001677//Homo sapiens mRNA for KIAA0771 protein, partial cds//0.028:285:63//Hs.6162:AB018314

15 F-NT2RP2001678//Homo sapiens semaphorin F homolog mRNA, complete cds//1.7e-34:328:76//Hs.27621 :U52840

F-NT2RP2001699//EST//0.029:94:68//Hs.125936:AA889091

20 F-NT2RP2001720//ESTs, Highly similar to Rap2 interacting protein 8 [M.musculus]//1.0:173:62//Hs.107361:AI197870

25 F-NT2RP2001721

F-NT2RP2001740//Homo sapiens Rigi (RIGUI) mRNA, complete cds//0.58:403:57//Hs.8114:AF022991

30 F-NT2RP2001748//Farnesyl diphosphate synthase (farnesyl pyrophosphate synthetase, dimethylallyltranstransferase, geranyltranstransferase)//1.2e-19:151:86//Hs.77393:D14697

35 F-NT2RP2001762//Homo sapiens exonuclease 1a (EXO1a) mRNA, complete_cds//5.2e-34:191:96//Hs.47504:AF091754

F-NT2RP2001813//EST//0.46:183:57//Hs.144096:AI032180

40 F-NT2RP2001839//EST//2.5e-12:86:94//Hs.133226:AI052250

F-NT2RP2001861//Homo sapiens mRNA for paraplegin//0.068:146:71//Hs.78497:Y16610

45 F-NT2RP2001869//Homo sapiens ZNF202 alpha (ZNF202) mRNA, complete cds//0.0013:174:62//Hs.9443:AF027219

50 F-NT2RP2001876//Allograft inflammatory factor 1//2.2e-08:162:67//Hs.76364:Y14768

F-NT2RP2001883

55 F-NT2RP2001898//75 KD INOSITOL-1,4,5-TRISPHOSPHATE 5-PHOSPHATASE PRECURSOR//3.0e-113:633:90//Hs.142189:M74161

F-NT2RP2001900//EST//1.9e-14:132:84//Hs.130049:AA902650

EP 1 074 617 A2

- 5 F-NT2RP2001907//ESTs, Weakly similar to ankyrin 3, long form [H.sapiens]/0.37:263:62//Hs.106377:H29757
- F-NT2RP2001926//ESTs//1.1e-87:430:97//Hs.133487:AI393754
- F-NT2RP2001936
- 10 F-NT2RP2001943
- F-NT2RP2001946//ESTs//1.0:110:69//Hs.7941:AA894797
- 15 F-NT2RP2001947
- F-NT2RP2001969//ESTs//3.3e-93:433:93//Hs.9622:W44489
- 20 F-NT2RP2001976//Homo sapiens KIAA0432 mRNA, complete cds//0.20:238:63//Hs.155174:AB007892
- 25 F-NT2RP2001985//Homo sapiens mRNA for KIAA0545 protein, partial cds//7.4e-05:235:62//Hs.129943:AB011117
- F-NT2RP2001991//EST//0.0027:163:68//Hs.162458:AA579196
- 30 F-NT2RP2002025//Homo sapiens mRNA for KIAA0756 protein, partial cds//3.2e-62:314:97//Hs.116604:AB018299
- 35 F-NT2RP2002032
- F-NT2RP2002033//EST//1.2e-16:224:74//Hs.150409:AI003543
- 40 F-NT2RP2002041//EST//0.022:139:69//Hs.127219:AA939336
- F-NT2RP2002046//ESTs//1.1e-35:218:92//Hs.130678 :R51509
- 45 F-NT2RP2002047//ESTs//0.43:131:64//Hs.153939:AI284198
- F-NT2RP2002058//Homo sapiens mRNA for KIAA0741 protein, complete cds//0.96:137:71//Hs.3615:AB018284
- 50 F-NT2RP2002066//Homo sapiens transmembrane receptor UNC5C (UNC5C) mRNA, complete cds//3.1e-36:509:66//Hs.44553:AF055634
- 55 F-NT2RP2002070//ESTs//0.00027:107:72//Hs.4852:R84241
- F-NT2RP2002076//Homo sapiens clone 24804 mRNA sequence//3.4e-129:643:

EP 1 074 617 A2

96//Hs.11039:AF052183

F-NT2RP2002078//EST//1.0:83:65//Hs.115996:AA609014

5

F-NT2RP2002079//ESTs//6.2e-06:326:60//Hs.134202:AI313156

F-NT2RP2002099//Homo sapiens mRNA for E1B-55kDa-associated protein//3.2e-112:533:97//Hs.155218:AJ007509

10

F-NT2RP2002105//Homo sapiens serine threonine kinase 11 (STK11) mRNA, complete cds//6.1e-07:408:60//Hs.122755:AF032986

15

F-NT2RP2002124//ESTs//1.3e-90:459:96//Hs.142053:AA224286

F-NT2RP2002137//ATPase, Ca++ transporting, plasma membrane 4//0.0032:319:59//Hs.995:M83363

20

F-NT2RP2002154//Homo sapiens mRNA for C17orf1 protein//1.0:149:65//Hs.100217:AJ008112

25

F-NT2RP2002172//EST//4.4e-14:276:67//Hs.148392:AI085314

F-NT2RP2002185//ESTs, Weakly similar to ubiquitin S6(1) [D.melanogaster]//6.8e-61:354:91//Hs.109966:C06057

30

F-NT2RP2002192//Human 75-kD autoantigen (PM-Sc1) mRNA, complete cds//3.7e-37:194:97//Hs.91728:M58460

35

F-NT2RP2002193//Homo sapiens protein inhibitor of activated STAT protein PIASx-alpha mRNA, complete cds//6.8e-15:228:67//Hs.111323:AF077954

40

F-NT2RP2002208

F-NT2RP2002219//ESTs//0.0059:247:61//Hs.36495:AA151628

45

F-NT2RP2002231//ESTs//0.29:167:63//Hs.112013:AI394318

F-NT2RP2002235//H.sapiens mRNA for PHAPI2b protein//0.86:67:82//Hs.84264:U70439

50

F-NT2RP2002252//Homo sapiens mRNA for KIAA0527 protein, partial cds//0.79:264:59//Hs.129748:AB011099

F-NT2RP2002256//Homo sapiens retinoic acid hydroxylase mRNA, complete cds//2.1e-51:315:89//Hs.150595:AF005418

55

F-NT2RP2002259//Human L-myc protein gene, complete cds//1.2e-26:343:71//Hs.92137:

EP 1 074 617 A2

M19720

5 F-NT2RP2002270//ESTs, Weakly similar to AF-9 PROTEIN [H.sapiens]//1.3e-31:206:88//Hs.4029:Z78373

F-NT2RP2002292//ESTs//1.3e-07:153:67//Hs.13533:H23079

10 F-NT2RP2002312//Homo sapiens CDP-diacylglycerol synthase 2 (CDS2) mRNA, partial cds//5.0e-95:467:96//Hs.24812:AF069532

15 F-NT2RP2002316//ESTs//0.95:194:63//Hs.157214:AA805445

F-NT2RP2002325//Homo sapiens peroxisomal biogenesis factor (PEX11a) mRNA, complete cds//1.3e-124:640:95//Hs.31034:AB015594

20 F-NT2RP2002333//Protein-tyrosine kinase tyk2 (non-receptor)//1.0:257:60//Hs.75516:X54637

F-NT2RP2002373

25 F-NT2RP2002385//Homo sapiens synaptic glycoprotein SC2 spliced variant mRNA, complete cds//3.1e-139:673:97//Hs.109051:AF038958

30 F-NT2RP2002394//Human clone 23695 mRNA sequence//0.16:456:59//Hs.90798:U79289

F-NT2RP2002408//HOMEBOX/POU DOMAIN PROTEIN RDC-1//0.00069:265:65//Hs.74095:L20433

35 F-NT2RP2002426//EST//4.3e-33:271:79//Hs.145743:AI269098

F-NT2RP2002439//ESTs//0.0041:129:68//Hs.146064:AA714326

40 F-NT2RP2002442//ESTs, Weakly similar to similar to molybdoterin biosynthesis MOEB proteins [C.elegans]//5.6e-26:169:89//Hs.25198:AA904265

45 F-NT2RP2002457//ESTs//0.00031:121:71//Hs.134860:AI091436

F-NT2RP2002464//Human mRNA for KIAA0086 gene, complete cds//0.0013:207:63//Hs.1560:D42045

50 F-NT2RP2002475//ESTs//1.0:85:75//Hs.155371:AI139929

F-NT2RP2002479//Homo sapiens mRNA for ABC transporter 7 protein, complete cds//7.6e-125:607:96//Hs.125856:AB005289

55

F-NT2RP2002498

EP 1 074 617 A2

F-NT2RP2002503//Human zinc finger protein (FDZF2) mRNA, complete cds//2.2e-89:314:87//Hs.102681:U95044

5 F-NT2RP2002504//Homo sapiens mRNA for KIAA0791 protein, complete cds//3.8e-159:761:97//Hs.23255:AB018334

10 F-NT2RP2002520//RAB6, member RAS oncogene family//0.99:216:59//Hs.107563:M28212

F-NT2RP2002537

15 F-NT2RP2002546//EST//0.81:161:65//Hs.120562:AA741096

F-NT2RP2002549//ESTs//0.76:228:61//Hs.146313:AA594979

20 F-NT2RP2002591//Homo sapiens mRNA for KIAA0798 protein, complete cds//2.9e-33:285:78//Hs.159277:AB018341

F-NT2RP2002595//Adenylate cyclase 8 (brain)//0.39:377:59//Hs.2522:Z35309

25 F-NT2RP2002606//Human Line-1 repeat mRNA with 2 open reading frames//6.4e-24:144:95//Hs.23094:M19503

30 F-NT2RP2002609//Human guanine nucleotide regulatory protein (tim1) mRNA, complete cds//1.0:120:68//Hs.334:U02082

35 F-NT2RP2002618//H.sapiens mRNA for arginine methyltransferase, splice variant, 1262 bp//4.3e-28:460:63//Hs.20521:Y10805

F-NT2RP2002621

40 F-NT2RP2002643//Human p300/CBP-associated factor (P/CAF) mRNA, complete cds//0.0022:210:64//Hs.155302:U57317

F-NT2RP2002672//ESTs//7.4e-30:226:84//Hs.94694:W52493

45 F-NT2RP2002701//ESTs, Highly similar to HYPOTHETICAL 68.7 KD PROTEIN ZK757.1 IN CHROMOSOME III [Caenorhabditis elegans]//8.3e-56:278:97//Hs.109857:AA088385

50 F-NT2RP2002706//CEREBELLIN 1 PRECURSOR//0.00042:367:61//Hs.662:M58583

F-NT2RP2002710//Homo sapiens mRNA for KIAA0672 protein, complete cds//8.0e-42:631:65//Hs.6336:AB014572

55 F-NT2RP2002727

F-NT2RP2002736//ESTs//3.2e-67:336:97//Hs.86583:AA761217

EP 1 074 617 A2

- F-NT2RP2002740//EST//1.0e-70:352:97//Hs.145168:AI150297
- 5 F-NT2RP2002741//Human mRNA for Neuroblastoma, complete cds//2.4e-30:628:62//Hs.87435:D89016
- 10 F-NT2RP2002750//Human mRNA for KIAA0331 gene, complete cds//2.1e-29:285:75//Hs.146395:AB002329
- F-NT2RP2002752//EST//2.2e-06:126:74//Hs.159913:AA862709
- 15 F-NT2RP2002753//ESTs//4.3e-14:137:81//Hs.133478:T79705
- F-NT2RP2002769//Human plectin (PLEC1) mRNA, complete cds//0.017:507:57//Hs.79706:U53204
- 20 F-NT2RP2002778//EST//1.6e-57:319:93//Hs.147519:AI216407
- F-NT2RP2002800
- 25 F-NT2RP2002839//ESTs//0.075:177:62//Hs.132445:AA921763
- F-NT2RP2002857//ESTs//0.99:88:69//Hs.132104:AI382142
- 30 F-NT2RP2002862
- F-NT2RP2002880
- 35 F-NT2RP2002891//Homo sapiens mRNA for KIAA0673 protein, partial cds//1.0:237:62//Hs.106487:AB014573
- 40 F-NT2RP2002925//ESTs//1.6e-33:318:77//Hs.16808:W22606
- F-NT2RP2002928//Homo sapiens pre-mRNA splicing factor (PRP17) mRNA, complete cds//3.9e-136:623:99//Hs.116674:AF038392
- 45 F-NT2RP2002929//Homo sapiens ataxin-7 (SCA7) mRNA, complete cds//0.24:158:65//Hs.108447:AJ000517
- 50 F-NT2RP2002939
- F-NT2RP2002954
- 55 F-NT2RP2002959//Human E2 ubiquitin conjugating enzyme Ubch5B (UBCH5B) mRNA, complete cds//6.4e-21:135:91//Hs.108332:U39317

EP 1 074 617 A2

F-NT2RP2002979

F-NT2RP2002980

5 F-NT2RP2002986//Homo sapiens actin binding protein MAYVEN mRNA, complete cds//7.8e-11:272:61//Hs.122967:AF059569

10 F-NT2RP2002987//ESTs//8.2e-20:99:82//Hs.138965:AI004740

F-NT2RP2002993

15 F-NT2RP2003000//Small inducible cytokine A5 (RANTES)//2.1e-46:353:81//Hs.155464:AF088219

F-NT2RP2003034//ESTs//1.6e-08:263:66//Hs.164048:AA811741

20 F-NT2RP2003073//Human clone 230971 defective mariner transposon Hsmar2 mRNA sequence//4.6e-43:381:78//Hs.159176:U92019

25 F-NT2RP2003099//TRICHOHYALIN//0.98:183:62//Hs.82276:L09190

F-NT2RP2003108//H.sapiens nek2 mRNA for protein kinase//0.025:185:67//Hs.153704:U11050

30 F-NT2RP2003117//ESTs//7.6e-30:219:88//Hs.153408:AA416633

F-NT2RP2003121//ESTs//1.9e-13:158:73//Hs.129998:AI291379

35 F-NT2RP2003125//Serum response factor (c-fos serum response element-binding transcription factor)//4.5e-06:556:57//Hs.155321:J03161

40 F-NT2RP2003129//ESTs//0.095:218:63//Hs.70836:AA121544

F-NT2RP2003137

45 F-NT2RP2003157//Homo sapiens mRNA for KIAA0620 protein, partial cds//0.40:227:61//Hs.105958:AB014520

F-NT2RP2003158//Homo sapiens mRNA for proteasome subunit p58, complete cds//5.7e-113:581:93//Hs.9736:D67025

50 F-NT2RP2003161//ESTs//0.0095:120:65//Hs.163532:AI424170

55 F-NT2RP2003164//EST//0.11:179:63//Hs.163299:AA853944

F-NT2RP2003165//Human mRNA for KIAA0355 gene, complete cds//1.0e-39:342:

EP 1 074 617 A2

79//Hs.153014:AB002353

F-NT2RP2003177//ESTs//3.6e-80:414:96//Hs.4767:N91123

5

F-NT2RP2003194//ESTs//5.4e-20:119:95//Hs.149531:AI393223

F-NT2RP2003206//EST//0.095:182:60//Hs.88461:AA278594

10

F-NT2RP2003228//CDC21 HOMOLOG//9.3e-138:726:93//Hs.154443:X74794

F-NT2RP2003230//ESTs//3.0e-10:239:62//Hs.163720:AA526947

15

F-NT2RP2003237//Human 53K isoform of Type II phosphatidylinositol-4-phosphate 5-kinase (PIPK) mRNA, complete cds//1.3e-62:543:77//Hs.108966:U48696

20

F-NT2RP2003243//Homo sapiens proline and glutamic acid rich nuclear protein isoform mRNA, partial cds//0.52:200:62//Hs.102732:U88153

F-NT2RP2003265

25

F-NT2RP2003272//ESTs, Weakly similar to ubiquitin S6(1) [D.melanogaster]//5.8e-57:313:93//Hs.109966:C06057

30

F-NT2RP2003277//Homo sapiens mRNA for KIAA0625 protein, partial cds//4.9e-147:714:96//Hs.154919:AB014525

F-NT2RP2003280

35

F-NT2RP2003286//Homo sapiens mRNA for KIAA0587 protein, complete cds//0.0097:243:65//Hs.21862:AB011159

40

F-NT2RP2003293//ESTs//5.5e-28:418:70//Hs.146227:AI269334

F-NT2RP2003295//Homo sapiens RMP mRNA for RPB5 meidating protein, complete cds//2.0e-86:416:97//Hs.7943:AB006572

45

F-NT2RP2003297//EST//0.99:240:60//Hs.133228:AI052312

F-NT2RP2003307//ESTs//5.6e-15:137:81//Hs.90020:AA442752

50

F-NT2RP2003308

F-NT2RP2003329//ESTs, Highly similar to HYPOTHETICAL 54.9 KD PROTEIN C02F5.7 IN CHROMOSOME III [Caenorhabditis elegans]//1.8e-102:532:95//Hs.6092:T75227

55

F-NT2RP2003339//ESTs//0.13:166:63//Hs.149649:AI346765

EP 1 074 617 A2

F-NT2RP2003347//ESTs//0.96:185:59//Hs.125003:H85963

5 F-NT2RP2003367//Human HsLIM15 mRNA for HsLim15, complete cds//0.99:243:60//Hs.37181:D64108

F-NT2RP2003391

10

F-NT2RP2003393

15 F-NT2RP2003394//Homo sapiens Ran-GTP binding protein mRNA, partial cds//0.86:416:57//Hs.4976:AF039023

F-NT2RP2003401

20 F-NT2RP2003433//ESTs, Highly similar to PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT [Canis familiaris]//3.7e-33:303:77//Hs.14038:R06800

F-NT2RP2003445//EST//1.7e-06:154:65//Hs.142843:R36893

25

F-NT2RP2003446//Prostaglandin receptor, ep1 subtype//0.81:273:61//Hs.159360:L22647

F-NT2RP2003456//EST//0.17:95:65//Hs.147190:AI193320

30

F-NT2RP2003466//Homo sapiens chromosome 11, BAC CIT-HSP-311e8 (BC269730) containing the hFEN1 gene//4.3e-53:339:78//Hs.132874:AC004770

35 F-NT2RP2003480//Calpain, small polypeptide//1.1e-06:154:66//Hs.74451:X04106

F-NT2RP2003499//Homo sapiens delta-catenin mRNA, complete cds//3.1e-10:481:60//Hs.80220:U96136

40

F-NT2RP2003506

F-NT2RP2003511//Spectrin, beta, non-erythrocytic 1//0.76:189:62//Hs.107164:M96803

45

F-NT2RP2003513//Human mRNA for KIAA0270 gene, partial cds//8.3e-78:403:94//Hs.78482:Y16270

50 F-NT2RP2003517//Platelet-derived growth factor beta polypeptide (simian sarcoma viral (v-sis) oncogene homolog)//1.3e-24:151:95//Hs.1976:M12783

F-NT2RP2003522//Zinc finger protein 148 (pHZ-52)//1.1e-17:512:60//Hs.112180:AF039019

55

F-NT2RP2003533//ESTs//1.8e-76:373:98//Hs.140402:AI138765

EP 1 074 617 A2

F-NT2RP2003543//ESTs//9.3e-65:363:92//Hs.70643:AA030010

F-NT2RP2003559//ESTs//0.00037:93:77//Hs.157564:AI356513

5

F-NT2RP2003564//Sjogren syndrome antigen A1 (52kD, ribonucleoprotein autoantigen SS-A/Ro)//2.9e-28:664:63//Hs.1042:M62800

10

F-NT2RP2003567//Homo sapiens mRNA for KIAA0462 protein, partial cds//1.3e-114:541:98//Hs.129937:AB007931

F-NT2RP2003581//EST//1.0:59:76//Hs.158575:AI368947

15

F-NT2RP2003596//ESTs, Weakly similar to No definition line found [C.elegans]//1.3e-63:224:95//Hs.34627:AA126463

20

F-NT2RP2003604//Homo sapiens alpha-catenin related protein (ACRP) mRNA, complete cds//1.7e-124:585:98//Hs.58488:U97067

F-NT2RP2003629//ESTs//2.0e-103:535:95//Hs.105633:AA479166

25

F-NT2RP2003643//Kallmann syndrome 1 sequence//0.85:216:61//Hs.89591:M97252

30

F-NT2RP2003668//Homo sapiens haemopoietic progenitor homeobox HPX42B (HPX42B) mRNA, complete cds//9.4e-47:371:80//Hs.125231:AF068006

F-NT2RP2003687//EST//2.9e-14:134:80//Hs.132635:AI032875

35

F-NT2RP2003691//ESTs//8.2e-47:296:83//Hs.138852:AA284247

F-NT2RP2003702//DNA POLYMERASE EPSILON, CATALYTIC SUBUNIT A//0.85:190:61//Hs.18366:L09561

40

F-NT2RP2003704//ESTs, Weakly similar to putative p150 [H.sapiens]//5.1e-44:269:91//Hs.139757:N95271

45

F-NT2RP2003706//Homo sapiens mRNA for KIAA0525 protein, partial cds//8.3e-110:518:98//Hs.78494:AB011097

F-NT2RP2003713

50

F-NT2RP2003714//Homo sapiens hematopoietic cell derived zinc finger protein mRNA, complete cds//2.7e-56:252:83//Hs.86371:AF054180

55

F-NT2RP2003727//EST//0.52:277:59//Hs.69507:AA111879

F-NT2RP2003737//Human E2 ubiquitin conjugating enzyme Ubch5C (UBCH5C) mRNA,

EP 1 074 617 A2

complete cds//4.0e-55:584:71//Hs.118797:U39318

F-NT2RP2003751

5

F-NT2RP2003760

F-NT2RP2003764

10

F-NT2RP2003769

F-NT2RP2003770//RETINOBLASTOMA BINDING PROTEIN 3//0.58:247:59//Hs.96055:
U47677

15

F-NT2RP2003777

F-NT2RP2003781//ESTs, Weakly similar to C47D12.3 [C.elegans]//3.7e-63:356:
92//Hs.16131:AA568689

20

F-NT2RP2003793//ESTs//4.8e-68:392:92//Hs.93949:AA782955

25

F-NT2RP2003825//ESTs//7.6e-79:232:98//Hs.14347:AA287742

F-NT2RP2003840//DNAJ PROTEIN HOMOLOG HSJ1//0.95:300:59//Hs.77768:X63368

30

F-NT2RP2003857//EST//1.0:112:62//Hs.139216:AA244425

F-NT2RP2003859

35

F-NT2RP2003871//ESTs//2.5e-44:222:99//Hs.146295:AA935780

F-NT2RP2003885

40

F-NT2RP2003912//ESTs, Weakly similar to G2-SPECIFIC PROTEIN KINASE NIMA
[Emericella nidulans]//2.2e-113:632:92//Hs.50072:AI378221

45

F-NT2RP2003952//ESTs, Moderately similar to 60S RIBOSOMAL PROTEIN L32
[H.sapiens]//1.0:146:67//Hs.156920:AA489296

F-NT2RP2003968//Homo sapiens hUBP mRNA for ubiquitin specific protease, complete
cds//6.8e-30:165:96//Hs.35086:AB014458

50

F-NT2RP2003976//Homo sapiens mRNA for KIAA0447 protein, complete cds//7.9e-116:610:
94//Hs.7302:AB007916

55

F-NT2RP2003981//Homo sapiens mRNA for KIAA0804 protein, partial cds//3.2e-161:783:
96//Hs.7316:AB018347

EP 1 074 617 A2

F-NT2RP2003984

5 F-NT2RP2003986//ESTs//1.3e-39:296:83//Hs.152482:AI050036

F-NT2RP2003988//Thiopurine S-methyltransferase//7.1e-44:532:70//Hs.51124:AF019369

10 F-NT2RP2004013//ESTs, Highly similar to TRANSCRIPTION FACTOR BTF3 [Homo sapiens]//7.0e-104:556:93//Hs.111081:AI380378

F-NT2RP2004014

15 F-NT2RP2004041//Homo sapiens chromosome 19, cosmid F17127//6.0e-11:120:80//Hs.10116:AC004780

20 F-NT2RP2004042

F-NT2RP2004066//Homo sapiens zinc finger protein (ZnF20) mRNA, complete cds//0.80:292:61//Hs.1147:AF011573

25 F-NT2RP2004081//ESTs//5.7e-87:427:96//Hs.102296:AI217942

F-NT2RP2004098//Homo sapiens leucine-rich repeat protein SHOC-2 (SHOC-2) mRNA, complete cds//0.15:199:60//Hs.104315:AF054828

30 F-NT2RP2004124//Homo sapiens mRNA for ephrin-A2//0.98:233:59//Hs.158306:AJ007292

35 F-NT2RP2004142

F-NT2RP2004152//ESTs//5.7e-35:187:96//Hs.98977:AA625872

40 F-NT2RP2004165//Homo sapiens serine kinase SRPK2 mRNA, complete cds//0.69:176:63//Hs.78353:U88666

F-NT2RP2004170//ESTs//3.9e-05:380:61//Hs.143748:AI419966

45 F-NT2RP2004172//ESTs//5.8e-18:104:99//Hs.157031:AI343501

F-NT2RP2004187//ESTs, Moderately similar to zinc finger protein [H.sapiens]//1.7e-16:276:67//Hs.36779:AA626790

50 F-NT2RP2004194//Human p300/CBP-associated factor (P/CAF) mRNA, complete cds//1.0:124:69//Hs.155302:U57317

55 F-NT2RP2004196

EP 1 074 617 A2

F-NT2RP2004207//ESTs//3.8e-11:92:88//Hs.22678:AA604756

5 F-NT2RP2004226//ESTs, Weakly Similar to teg292 protein [M.musculus]//1.8e-80:386:98//Hs.68791:AA527270

F-NT2RP2004232//Protein kinase C, mu//3.9e-36:448:67//Hs.2891:X75756

10 F-NT2RP2004239//ESTs//0.12:196:61//Hs.127209:AA976680

F-NT2RP2004240//EST//1.0:134:63//Hs.104466:AA282536

15 F-NT2RP2004242//Homo sapiens Nck-2 (NCK2) mRNA, complete cds//0.27:313:59//Hs.129725:AF047487

20 F-NT2RP2004245//ESTs, Weakly similar to No definition line found [C.elegans]//8.2e-51:474:74//Hs.108990:N25951

F-NT2RP2004270//MUELLERIAN INHIBITING FACTOR PRECURSOR//1.6e-06:490:60//Hs.12432:AC005263

25

F-NT2RP2004300//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE BETA 3//0.35:157:67//Hs.37121:Z37544

30 F-NT2RP2004316//Homo sapiens EXT-like protein 2 (EXTL2) mRNA, complete cds//1.5e-151:735:97//Hs.61152:AF000416

35 F-NT2RP2004321//ESTs//2.6e-64:385:88//Hs.133128:W27735

F-NT2RP2004339//ESTs//3.3e-46:338:83//Hs.145091:AA814510

40 F-NT2RP2004347//ESTs//1.0:184:61//Hs.134469:AA731632

F-NT2RP2004364//ESTs//2.9e-70:366:95//Hs.14928:AA256202

45 F-NT2RP2004365

F-NT2RP2004366//Homo sapiens mRNA for DFFRY protein, abundant transcript//0.60:295:57//Hs.39163:AF000986

50 F-NT2RP2004373

55 F-NT2RP2004389//ESTs, Highly similar to HYPOTHETICAL 70.7 KD PROTEIN F09G8.3 IN CHROMOSOME III [Caenorhabditis elegans]//3.3e-97:477:98//Hs.30490:AA146916

F-NT2RP2004392//ESTs//2.6e-61:305:98//Hs.43100:AA186588

EP 1 074 617 A2

F-NT2RP2004396//Homo sapiens BAC clone RG135C18 from 7q21//1.4e-174:875:95//Hs.152759:AC005164

5 F-NT2RP2004399//ESTs, Weakly similar to K01H12.1 [C.elegans]//1.2e-92:519:91//Hs.13275:AI341468

10 F-NT2RP2004400//EST//0.018:150:65//Hs.158739:AI375367

F-NT2RP2004412

15 F-NT2RP2004425//EST//0.049:145:64//Hs.160759:R36944

F-NT2RP2004463//ESTs//1.5e-40:207:98//Hs.98057:C15687

20 F-NT2RP2004476//Homo sapiens TWIK-related acid-sensitive K⁺ channel (TASK) mRNA, complete cds//0.45:208:61//Hs.24040:AF006823

F-NT2RP2004490

25 F-NT2RP2004512//ESTs//0.0012:330:61//Hs.70258:AI091203

30 F-NT2RP2004523//Human high-affinity copper uptake protein (hCTR1) mRNA, complete cds//1.3e-29:270:79//Hs.73614:U83460

F-NT2RP2004538//Homo sapiens mRNA for KIAA0591 protein, partial cds//4.6e-139:687:96//Hs.129908:AB011163

35 F-NT2RP2004551//ESTs//0.0075:285:62//Hs.149442:AI346891

40 F-NT2RP2004568//Homo sapiens antigen NY-CO-16 mRNA, complete cds//8.8e-06:291:61//Hs.132206:AF039694

F-NT2RP2004580//Small inducible cytokine A5 (RANTES)//1.2e-45:334:82//Hs.155464:AF088219

45 F-NT2RP2004587//Homo sapiens mRNA for KIAA0766 protein, complete cds//0.98:136:64//Hs.28020:AB018309

50 F-NT2RP2004594//ESTs, Highly similar to MKR2 PROTEIN [Mus musculus]//1.0:104:68//Hs.125729:N99898

55 F-NT2RP2004600//Homo sapiens mRNA for Hrs, complete cds//0.20:260:60//Hs.24756:U43895

F-NT2RP2004602//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//3.0e-59:273:93//Hs.12845:N28835

EP 1 074 617 A2

- F-NT2RP2004614//EST//0.99:103:68//Hs.148738:AI224908
- 5 F-NT2RP2004655//Homo sapiens mRNA for leucine rich protein//8.4e-104:496:98//Hs.5198:AJ006291
- 10 F-NT2RP2004664//Homo sapiens mRNA for KIAA0460 protein, partial cds//5.2e-155:728:98//Hs.29956:AB007929
- F-NT2RP2004675//EST//0.65:151:62//Hs.130504:AI003839
- 15 F-NT2RP2004681
- F-NT2RP2004689//Homo sapiens mRNA for KIAA0625 protein, partial cds//4.1e-61:327:94//Hs.154919:AB014525
- 20 F-NT2RP2004709//ESTs//2.2e-05:98:77//Hs.161898:AA286942
- F-NT2RP2004710//ESTs//0.0035:76:82//Hs.108470:R93780
- 25 F-NT2RP2004736//Homo sapiens mRNA for KIAA0478 protein, complete cds//2.1e-118:582:96//Hs.4236:AB007947
- 30 F-NT2RP2004743//EST//0.11:170:64//Hs.112670:AA609242
- F-NT2RP2004767//EST//1.5e-09:303:65//Hs.148374:AA948183
- 35 F-NT2RP2004768//ESTs, Highly similar to SERINE/THREONINE-PROTEIN KINASE PAK [Rattus norvegicus]//3.7e-110:548:96//Hs.85768:W16504
- 40 F-NT2RP2004775//Homo sapiens transcriptional regulatory protein p54 mRNA, complete cds//0.025:547:57//Hs.107474:AF045451
- 45 F-NT2RP2004791//Human endosome-associated protein (EEA1) mRNA, complete cds//0.99:121:64//Hs.2864:L40157
- F-NT2RP2004799//Homo sapiens ATP-specific succinyl-CoA synthetase beta subunit (SCS) mRNA, partial cds//4.9e-118:594:95//Hs.40820:AF058953
- 50 F-NT2RP2004802//ESTs//5.6e-16:116:91//Hs.153841:N36043
- F-NT2RP2004816//Homo sapiens H beta 58 homolog mRNA, complete cds//6.8e-103:495:97//Hs.67052:AF054179
- 55 F-NT2RP2004841//Human transposon-like element mRNA//3.0e-70:519:83//Hs.84775:M23161

EP 1 074 617 A2

F-NT2RP2004861//ESTs//6.7e-89:427:98//Hs.132980:AI290258

5 F-NT2RP2004897//ESTs//6.4e-81:431:94//Hs.130961:N79111

F-NT2RP2004933//Homo sapiens mRNA for ZIP-kinase, complete cds//6.5e-84:418:
95//Hs.25619:AB007144

10 F-NT2RP2004936

F-NT2RP2004959

15 F-NT2RP2004961//Human mRNA for KIAA0065 gene, partial cds//7.2e-26:456:66//Hs.70617:
D31763

20 F-NT2RP2004962//EST//2.8e-15:242:69//Hs.146794:AI149478

F-NT2RP2004967//ESTs//0.0022:218:63//Hs.131987:AI239735

25 F-NT2RP2004978//Homo sapiens mRNA for KIAA0458 protein, complete cds//1.0:218:
61//Hs.7414:AB007927

30 F-NT2RP2004982//Human kinesin-like spindle protein HKSP (HKSP) mRNA, complete
cds//0.13:260:60//Hs.41723:U37426

F-NT2RP2004985//Human mRNA for KIAA0144 gene, complete cds//4.8e-22:431:
65//Hs.8127:D63478

35 F-NT2RP2004999

F-NT2RP2005000//Homo sapiens hyperpolarization-activated channel 1 (IH1) mRNA, partial
40 cds//0.99:269:58//Hs.124161:AF065164

F-NT2RP2005001//Homo sapiens mRNA for KIAA0615 protein, complete cds//1.9e-160:782:
97//Hs.155972:AB014515

45 F-NT2RP2005003//H.sapiens Staf50 mRNA//9.9e-44:430:75//Hs.68054:X82200

F-NT2RP2005012//Homo sapiens SEC63 (SEC63) mRNA, complete cds//4.5e-100:501:
50 96//Hs.31575:AF100141

F-NT2RP2005018//Arachidonate 5-lipoxygenase//1.0:232:58//Hs.89499:J03600

55 F-NT2RP2005020//ESTs//1.2e-06:61:100//Hs.106160:AA527433

F-NT2RP2005022//Eukaryotic translation initiation factor 3 (eIF-3) p36 subunit//0.095:271:

EP 1 074 617 A2

60//Hs.139745:U39067

5 F-NT2RP2005031//Homo sapiens mRNA for SCP-1, complete cds//0.99:338:61//Hs.112743:
D67035

10 F-NT2RP2005037//Homo sapiens mRNA for repressor protein, partial cds//0.098:217:
60//Hs.58167:D30612

F-NT2RP2005038//Homo sapiens protease-activated receptor 4 mRNA, complete cds//0.22:
498:59//Hs.137574:AF055917

15 F-NT2RP2005108//ESTs//0.74:145:63//Hs.116557:AA657838

F-NT2RP2005116//Homo sapiens mRNA for KIAA0664 protein, partial cds//6.4e-105:495:
98//Hs.22616:AB014564

20 F-NT2RP2005126//H.sapiens mRNA for RNA helicase (Myc-regulated dead box protein)
//9.2e-29:157:98//Hs.100555:X98743

25 F-NT2RP2005139//ESTs//2.6e-91:479:95//Hs.125037:W42803

F-NT2RP2005140//ESTs//0.81:308:59//Hs.27308:AA534947

30 F-NT2RP2005144//Homo sapiens tubby like protein 3 (TULP3) mRNA, complete cds//8.3e-
91:447:96//Hs.132226:AF045583

35 F-NT2RP2005147

F-NT2RP2005159//ESTs//1.5e-44:242:94//Hs.109819:AI357582

40 F-NT2RP2005162//ESTs, Weakly similar to Y53C12A.3 [C.elegans]//0.97:80:73//Hs.107747:
AI357868

F-NT2RP2005168//Homo sapiens mRNA for E1B-55kDa-associated protein//4.4e-127:633:
96//Hs.155218:AJ007509

45 F-NT2RP2005204//H.sapiens 5T4 gene for 5T4 Oncofetal antigen//0.0034:187:66//Hs.82128:
AJ012159

50 F-NT2RP2005227//Homo sapiens PAC clone DJ0905J08 from 7p12-p14//1.3e-66:340:
95//Hs.8173:AC005189

55 F-NT2RP2005239//EST//1.3e-05:215:66//Hs.129528:AA994783

F-NT2RP2005254//H.sapiens mRNA for PHAPI2b protein//1.0:101:71//Hs.84264:U70439

EP 1 074 617 A2

F-NT2RP2005270//Homo sapiens creatine transporter mRNA, complete cds//0.56:114:68//Hs.154503:U36341

5 F-NT2RP2005276//Homo sapiens acyl-CoA synthetase 4 (ACS4) mRNA, complete cds//1.2e-40:594:65//Hs.81452:AF030555

10 F-NT2RP2005287//ESTs//8.2e-07:175:70//Hs.117134:AI383932

F-NT2RP2005288//Homo sapiens RCC1-like G exchanging factor RLG mRNA, complete cds//2.3e-123:604:96//Hs.27007:AF060219

15 F-NT2RP2005289//Homo sapiens mRNA for XPR2 protein//1.3e-141:670:98//Hs.44766:AJ007590

20 F-NT2RP2005293//EST//1.9e-50:254:98//Hs.162017:AA505833

F-NT2RP2005315//Homo sapiens mRNA for KIAA0676 protein, partial cds//3.6e-97:483:96//Hs.115763:AB014576

25 F-NT2RP2005325//Human LIM-homeobox domain protein (hLH-2) mRNA, complete cds//2.6e-23:166:90//Hs.1569:U11701

30 F-NT2RP2005336//Homo sapiens snRNA activating protein complex 190kD subunit (SNAP190) mRNA, complete cds//0.016:353:62//Hs.113265:AF032387

F-NT2RP2005344//Homo sapiens mRNA for KIAA0566 protein, partial cds//2.8e-30:456:66//Hs.44697:AB011138

35 F-NT2RP2005354//ESTs//0.71:192:60//Hs.39063:AA708958

40 F-NT2RP2005358//Homo sapiens methyl-CpG binding protein MBD3 (MBD3) mRNA, complete cds//1.4e-100:489:96//Hs.107254:AC005943

F-NT2RP2005360//ESTs//8.2e-35:190:95//Hs.163038:AA700122

45 F-NT2RP2005393//Homo sapiens CTG26 alternate open reading frame mRNA, complete cds//0.87:244:59//Hs.113252:U80761

50 F-NT2RP2005407

F-NT2RP2005436//Homo sapiens mRNA for KIAA0561 protein, partial cds//0.28:338:57//Hs.6189:AB011133

55 F-NT2RP2005441//ESTs//3.3e-45:238:96//Hs.5209:AA780068

F-NT2RP2005453//ESTs//2.1e-20:115:99//Hs.133087:AI091164

EP 1 074 617 A2

- 5 F-NT2RP2005457//ESTs, Highly similar to NADH-UBIQUINONE OXIDOREDUCTASE
SUBUNIT B14.5B [Bos taurus]//8.5e-48:295:90//Hs.75017:AA166853
- F-NT2RP2005464//ESTs//2.0e-99:495:96//Hs.3530:AA808243
- 10 F-NT2RP2005465//V-crk avian sarcoma virus CT10 oncogene homolog//0.032:176:
64//Hs.16:D10656
- F-NT2RP2005472//ESTs//1.4e-34:180:98//Hs.158892:AD78412
- 15 F-NT2RP2005476//Homo sapiens mRNA for KIAA0772 protein, complete cds//9.9e-48:432:
77//Hs.15519:AB018315
- F-NT2RP2005490//ESTs//4.5e-19:165:84//Hs.134382:AA083573
- 20 F-NT2RP2005491
- F-NT2RP2005495//ESTs//5.6e-96:452:99//Hs.145417:AI084164
- 25 F-NT2RP2005496//Human mRNA for KIAA0326 gene, partial cds//4.4e-48:621:68//Hs.6833:
AB002324
- 30 F-NT2RP2005498//Human protein phosphatase 2A beta subunit mRNA, complete cds//1.6e-
63:503:78//Hs.7688:M64930
- 35 F-NT2RP2005501//Homo sapiens Notch3 (NOTCH3) mRNA, complete cds//0.56:139:
66//Hs.8546:U97669
- F-NT2RP2005509//Glutamate-cysteine ligase (gamma-glutamylcysteine synthetase),
regulatory (30.8kD)//1.0:291:59//Hs.89709:L35546
- 40 F-NT2RP2005520//Homo sapiens chromosome-associated protein-E (hCAP-E) mRNA,
complete cds//1.2e-82:444:92//Hs.119023:AF092563
- 45 F-NT2RP2005525//Homo sapiens mRNA for KIAA0764 protein, complete cds//2.2e-19:112:
99//Hs.6232:AB018307
- 50 F-NT2RP2005531//ESTs, Weakly similar to erythrocyte membrane protein 4.1
[H.sapiens]//3.5e-50:366:83//Hs.61833:AA036735
- F-NT2RP2005539//Homo sapiens mRNA for NS1-binding protein (NS1-BP)//9.4e-155:747:
97//Hs.159597:AJ012449
- 55 F-NT2RP2005540//Homo sapiens mRNA for KIAA0494 protein, complete cds//1.9e-131:618:
98//Hs.62515:AB007963

EP 1 074 617 A2

F-NT2RP2005549//ESTs, Weakly similar to HYPOTHETICAL 32.0 KD PROTEIN C16C10.10
IN CHROMOSOME III [C.elegans]//2.5e-51:292:93//Hs.105684:H24407

5

F-NT2RP2005555//EST//0.046:308:57//Hs.145962:AI276822

F-NT2RP2005557//ESTs//4.6e-48:382:79//Hs.125014:AI422839

10

F-NT2RP2005581//ESTs//6.3e-28:166:93//Hs.87803:AA034436

F-NT2RP2005600//ESTs//1.6e-40:228:93//Hs.160085:AI218627

15

F-NT2RP2005605//ESTs//5.7e-13:115:86//Hs.37718:H60071

F-NT2RP2005620//Homo sapiens epsin 2b mRNA, complete cds//3.1e-92:447:
97//Hs.22396:AF062085

20

F-NT2RP2005622//ESTs//0.16:242:63//Hs.136395:AA523702

25

F-NT2RP2005635

F-NT2RP2005637//ESTs//0.055:96:69//Hs.105998:R90905

30

F-NT2RP2005640//ESTs//4.5e-16:107:92//Hs.150823:AI292145

F-NT2RP2005645//ESTs//2.7e-29:181:90//Hs.121653:AI375440

35

F-NT2RP2005651//Oxysterol binding protein//0.00011:122:69//Hs.1433065:M86917

F-NT2RP2005654//Homo sapiens mRNA for KIAA0288 gene, complete cds//1.5e-08:351:
62//Hs.91400:AB006626

40

F-NT2RP2005669//ESTs//0.016:185:64//Hs.97713:AA442239

F-NT2RP2005675//Homo sapiens growth suppressor related (DOC-1R) mRNA, complete
cds//7.7e-96:462:98//Hs.25664:AF089814

45

F-NT2RP2005683//ESTs//0.83:242:62//Hs.136395:AA523702

50

F-NT2RP2005690//PYRROLINE-5-CARBOXYLATE REDUCTASE//2.5e-11:328:61//Hs.79217:
M77836

F-NT2RP2005694

55

F-NT2RP2005701//Homo sapiens protein phosphatase 2A B56-epsilon (PP2A) mRNA,
complete cds//0.15:496:55//Hs.79326:L76703

EP 1 074 617 A2

- 5 F-NT2RP2005712//Homo sapiens mRNA for KIAA0799 protein, partial cds//5.1e-126:599:97//Hs.61638:AB018342
- F-NT2RP2005719//ESTs//0.58:326:60//Hs.157209:N57527
- 10 F-NT2RP2005722//Zinc finger protein 136 (clone pHZ-20)//8.2e-46:415:77//Hs.69740:U09367
- F-NT2RP2005723//ESTs//1.0e-15:141:81//Hs.163747:AA174017
- 15 F-NT2RP2005726//EST//3.4e-15:96:95//Hs.156170:AI334191
- F-NT2RP2005732//ESTs//0.99:162:62//Hs.154914:AA721086
- 20 F-NT2RP2005741//Homo sapiens chondroadherin gene, 5'flanking region and//0.80:362:58//Hs.97220:U96769
- F-NT2RP2005748//H.sapiens ZNF33B gene//0.47:99:65//Hs.72991:X68688
- 25 F-NT2RP2005752//Homo sapiens TNFR-related death receptor-6 (DR6) mRNA, complete cds//2.5e-23:134:96//Hs.159651:AF068868
- 30 F-NT2RP2005753//Homo sapiens I-1 receptor candidate protein mRNA, complete cds//4.0e-102:486:98//Hs.26285:AF082516
- 35 F-NT2RP2005763//EUKARYOTIC INITIATION FACTOR 4A-LIKE NUK-34//2.3e-05:425:56//Hs.79768:D21853
- F-NT2RP2005767//Homolog 2 of Drosophila large discs//0.085:262:61//Hs.23205:X82895
- 40 F-NT2RP2005773//PYRROLINE-5-CARBOXYLATE REDUCTASE//2.0e-16:153:82//Hs.79217:M77836
- 45 F-NT2RP2005775//Human thimet oligopeptidase (THOP1) mRNA, complete cds//1.7e-42:645:64//Hs.78769:Z50115
- F-NT2RP2005781//ESTs//1.1e-19:132:90//Hs.13550:AI378556
- 50 F-NT2RP2005784//Inhibitor of DNA binding 4, dominant negative helix-loop-helix protein//2.9e-06:201:67//Hs.34853:U28368
- 55 F-NT2RP2005804//ESTs//1.2e-07:62:93//Hs.125509:AA883820
- F-NT2RP2005812

EP 1 074 617 A2

F-NT2RP2005815//ESTs//1.9e-32:173:97//Hs.144587:AI193595

F-NT2RP2005835

5

F-NT2RP2005841//Homo sapiens retinal rod Na-Ca+K exchanger (NCKX1) mRNA, complete
cds//0.94:148:65//Hs.59829:AB014602

10

F-NT2RP2005853

F-NT2RP2005857//Homo sapiens chromosome-associated protein-C (hCAP-C) mRNA,
partial cds//5.4e-176:829:98//Hs.50758:AF092564

15

F-NT2RP2005859//ESTs//2.1e-97:537:92//Hs.131915:W22567

F-NT2RP2005868

20

F-NT2RP2005886//Human putative M phase phosphoprotein 1 (MPP1) mRNA, partial
cds//0.26:728:57//Hs.240:L16782

25

F-NT2RP2005890//ESTs//2.0e-97:453:100//Hs.88671:AA279943

F-NT2RP2005901//ESTs//0.99:188:64//Hs.28639:R78360

30

F-NT2RP2005908//ESTs//2.5e-43:325:82//Hs.152340:AA521399

F-NT2RP2005933//ESTs, Highly similar to nucleoporin p54 [R.norvegicus]//7.9e-90:326:
98//Hs.156882:AA292186

35

F-NT2RP2005942//H.sapiens PAP mRNA//5.1e-48:618:67//Hs.49007:X76770

F-NT2RP2005980//ESTs//2.8e-22:358:68//Hs.125446:AA883339

40

F-NT2RP2006023

F-NT2RP2006038//ESTs//8.0e-37:351:74//Hs.128787:AA418382

45

F-NT2RP2006043//Human novel homeobox mRNA for a DNA binding protein//0.51:271:
59//Hs.37035:U07664

50

F-NT2RP2006052//ESTs//4.0e-05:233:63//Hs.124864:AA663093

F-NT2RP2006069//Human mRNA for KIAA0279 gene, partial cds//0.0082:770:58//Hs.57652:
D87469

55

F-NT2RP2006071//ESTs//2.1e-24:396:65//Hs.104404:AI337416

EP 1 074 617 A2

F-NT2RP2006098//ESTs//0.97:125:67//Hs.97996:AA405970

F-NT2RP2006100

5

F-NT2RP2006103//ESTs//5.2e-11:102:83//Hs.125656:AA883135

F-NT2RP2006106//ESTs//1.6e-78:456:90//Hs.133496:AA315349

10

F-NT2RP2006141//ESTs//1.7e-20:262:72//Hs.128677:AA649240

F-NT2RP2006166

15

F-NT2RP2006184//H.sapiens p63 mRNA for transmembrane protein//1.0:94:73//Hs.74368:
X69910

20

F-NT2RP2006186//Homo sapiens mRNA for KIAA0654 protein, partial cds//2.5e-114:567:
96//Hs.109299:AB014554

25

F-NT2RP2006196//Homo sapiens mRNA for KIAA0772 protein, complete cds//2.0e-23:187:
85//Hs.15519:AB018315

F-NT2RP2006200//ESTs//1.0:224:62//Hs.144100:AI205503

30

F-NT2RP2006219//H.sapiens mRNA for DGCR6 protein//4.4e-118:618:93//Hs.153910:
X96484

F-NT2RP2006237

35

F-NT2RP2006238

F-NT2RP2006258//ESTs//0.0034:143:69//Hs.145798:AI269970

40

F-NT2RP2006261//H.sapiens mRNA for serine/threonine protein kinase EMK//0.019:111:
71//Hs.157199:X97630

45

F-NT2RP2006275//Homo sapiens mRNA for serin protease with IGF-binding motif, complete
cds//2.4e-05:388:60//Hs.75111:D87258

50

F-NT2RP2006312//Homo sapiens BAF57 (BAF57) gene, complete cds//2.1e-121:598:
97//Hs.3404:AF035262

55

F-NT2RP2006320//ESTs, Moderately similar to maternal transcript Maid [M.musculus]//1.9e-
29:151:100//Hs.36794:AI038407

F-NT2RP2006321//ESTs//7.0e-15:141:82//Hs.71241:H09371

EP 1 074 617 A2

F-NT2RP2006323//Homo sapiens mRNA for NBPhox, complete cds//4.7e-06:170:70//Hs.87202:D82344

5 F-NT2RP2006333//Homo sapiens TRRAP protein (TRRAP) mRNA, complete cds//0.11:43:100//Hs.6892:AF076974

10 F-NT2RP2006334//Homo sapiens mRNA for KIAA0602 protein, partial cds//3.1e-05:233:65//Hs.37656:AB011174

F-NT2RP2006365//ESTs//8.9e-46:268:93//Hs.58403:AA058501

15 F-NT2RP2006393//ESTs//1.2e-20:159:86//Hs.146018:AA280341

20 F-NT2RP2006436//Human homeodomain-containing protein (HANF) mRNA, complete cds//0.59:133:64//Hs.95838:AF059734

F-NT2RP2006441//ESTs//1.6e-82:400:98//Hs.143514:AI221934

25 F-NT2RP2006454//EST//5.2e-07:172:68//Hs.157742:AI360509

F-NT2RP2006456

30 F-NT2RP2006464//Homo sapiens mRNA for AND-1 protein/1.1e-149:545:98//Hs.72160:AJ006266

F-NT2RP2006467

35 F-NT2RP2006472

F-NT2RP2006534//ESTs//5.6e-05:192:66//Hs.135750:AA160048

40 F-NT2RP2006554//EST//0.60:116:65//Hs.160110:AA922134

45 F-NT2RP2006565//Homo sapiens secretory carrier-associated membrane protein (SCAMP) mRNA, complete cds//2.1e-115:669:90//Hs.31218:AF038966

F-NT2RP2006571//Cytochrome P450, subfamily IIA (phenobarbital-inducible), polypeptide 6//2.1e-24:476:64//Hs.73864:U22029

50 F-NT2RP2006573

F-NT2RP2006598//ESTs//1.3e-16:137:85//Hs.131350:AA805223

55 F-NT2RP3000002//ESTs//3.6e-32:215:86//Hs.155446:AA188180

F-NT2RP3000031//Homo sapiens mRNA for histone deacetylase-like protein (JM21)//1.9e-

EP 1 074 617 A2

137:637:98//Hs.6764:AJ011972

5 F-NT2RP3000046//Homo sapiens TTF-I interacting peptide 20 mRNA, partial cds//9.1e-07:
568:61//Hs.79531:AF000560

F-NT2RP3000047

10 F-NT2RP3000050//Human repressor transcriptional factor (ZNF85) mRNA, complete
cds//1.2e-58:633:69//Hs.37138:U35376

15 F-NT2RP3000055//ESTs//1.2e-07:200:66//Hs.127362:AA954961

F-NT2RP3000068

20 F-NT2RP3000072//EST//0.99:199:63//Hs.8469:T40769

F-NT2RP3000080//Landsteiner-Wiener blood group glycoprotein//4.8e-41:353:
78//Hs.108287:L27670

25 F-NT2RP3000085//Propionyl-coA carboxylase alpha chain//7.9e-30:665:60//Hs.80741:
X14608

30 F-NT2RP3000092//EST//2.0e-15:94:97//Hs.145389:AI253140

F-NT2RP3000109//ESTs//6.8e-11:77:96//Hs.153931:AI243595

35 F-NT2RP3000134//Homo sapiens PAC clone DJ0905J08 from 7p12-p14//5.0e-94:438:
100//Hs.8173:AC005189

40 F-NT2RP3000142//Homo sapiens mRNA for KIAA0592 protein, partial cds//2.9e-182:849:
98//Hs.13273:AB011164

F-NT2RP3000149//Human Line-1 repeat mRNA with 2 open reading frames//4.1e-20:133:
94//Hs.23094:M19503

45 F-NT2RP3000186//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0492//6.6e-
08:152:71//Hs.127338:AB007961

50 F-NT2RP3000197//ESTs//1.1e-58:301:96//Hs.87461:AA292779

F-NT2RP3000207

55 F-NT2RP3000220

F-NT2RP3000233//Homo sapiens actin binding protein MAYVEN mRNA, complete cds//6.6e-
20:509:58//Hs.122967:AF059569

EP 1 074 617 A2

- F-NT2RP3000235//ESTs//1.7e-06:220:62//Hs.42771:N26740
- 5 F-NT2RP3000247//Human mRNA for KIAA0218 gene, complete cds//6.7e-111:691:86//Hs.75863:D86972
- F-NT2RP3000251//ESTs//6.7e-48:245:97//Hs.28249:AA203733
- 10 F-NT2RP3000252
- F-NT2RP3000255
- 15 F-NT2RP3000267//ESTs//0.14:53:92//Hs.151586:W45568
- F-NT2RP3000299//Homo sapiens enhancer of filamentation (HEF1) mRNA, complete cds//1.7e-13:214:67//Hs.80261:L43821
- 20 F-NT2RP3000312//ESTs//2.6e-50:255:97//Hs.146263:AA255863
- F-NT2RP3000320//Homo sapiens proline and glutamic acid rich nuclear protein isoform mRNA, partial cds//0.0088:236:63//Hs.102732:U88153
- 25 F-NT2RP3000324//ESTs//3.8e-10:102:83//Hs.55495:AI091242
- 30 F-NT2RP3000333//ESTs, Weakly similar to mitogen-activated kinase kinase kinase 5 [H.sapiens]//0.57:189:65//Hs.46146:AA418097
- F-NT2RP3000341//Human mRNA for KIAA0392 gene, partial cds//1.1e-49:442:78//Hs.40100:AB002390
- 35 F-NT2RP3000348
- 40 F-NT2RP3000350//H.sapiens mRNA for GTP-binding protein//0.93:164:59//Hs.78582:X80754
- F-NT2RP3000359//GTP:AMP PHOSPHOTRANSFERASE MITOCHONDRIAL//1.8e-43:649:66//Hs.101642:X60673
- 45 F-NT2RP3000361//ESTs//2.6e-112:531:98//Hs.17672:AA305921
- F-NT2RP3000366//ESTs, Highly similar to RAS-RELATED PROTEIN RAB-18A [Lymnaea stagnalis]//4.0e-116:596:95//Hs.21094:AI337016
- 50 F-NT2RP3000393//ESTs//2.6e-18:137:89//Hs.115600:AA351639
- 55 F-NT2RP3000397//ESTs//8.7e-44:355:73//Hs.121961:AA777873

EP 1 074 617 A2

F-NT2RP3000403//Homo sapiens formin binding protein 21 mRNA, complete cds//1.6e-175:841:97//Hs.28307:AF071185

5 F-NT2RP3000418//Human Line-1 repeat mRNA with 2 open reading frames//2.7e-33:610:65//Hs.23094:M19503

10 F-NT2RP3000433//ESTs//1.5e-32:246:69//Hs.120892:AA724948

F-NT2RP3000439//Adenosine A2b receptor//0.44:210:62//Hs.45743:X68487

15 F-NT2RP3000441

F-NT2RP3000449//ESTs//0.60:177:64//Hs.132605:AI051562

20 F-NT2RP3000451//Receptor protein-tyrosine kinase EDDR1//0.95:315:58//Hs.75562:U48705

F-NT2RP3000456//ESTs//7.5e-23:140:92//Hs.5209:AA780068

25 F-NT2RP3000484//EST//2.5e-06:166:67//Hs.149950:AI289822

F-NT2RP3000487//ESTs//1.2e-63:311:98//Hs.143304:AI084058

30 F-NT2RP3000512//Homeo box B3//3.1e-18:109:97//Hs.49931:X16667

F-NT2RP3000526//ESTs//3.7e-74:424:93//Hs.42991:N21379

35 F-NT2RP3000527//Human mRNA for KIAA0211 gene, complete cds//8.0e-36:706:63//Hs.79347:D86966

F-NT2RP3000531//ESTs//9.6e-75:392:95//Hs.144148:H08308

40 F-NT2RP3000542//ESTs//3.2e-88:448:96//Hs.30622:AA486412

F-NT2RP3000561//EST//0.88:92:64//Hs.148290:AA908404

45 F-NT2RP3000562//ESTs//1.1e-112:522:99//Hs.125153:AA453723

F-NT2RP3000578

50 F-NT2RP3000582//ESTs//2.1e-82:413:97//Hs.118544:R17277

F-NT2RP3000584

55 F-NT2RP3000590//ESTs//1.0:134:64//Hs.12969:N56904

F-NT2RP3000592//Paired basic amino acid cleaving system 4//3.4e-05:502:57//Hs.77234:

EP 1 074 617 A2

AB001914

- 5 F-NT2RP3000596//ESTs//6.8e-71:361:95//Hs.118741:AA179811
- F-NT2RP3000599//ESTs, Weakly similar to T19B10.6 [C.elegans]//9.3e-61:355:92//Hs.114622:AA693492
- 10 F-NT2RP3000603//Human mRNA for KIAA0227 gene, partial cds//6.3e-10:553:59//Hs.79170:D86980
- F-NT2RP3000605//ESTs//5.8e-51:283:94//Hs.127152:AI421203
- 15 F-NT2RP3000622//ESTs//1.7e-10:72:98//Hs.155360:AA984683
- F-NT2RP3000624//64 KD AUTOANTIGEN D1//0.99:194:61//Hs.79386:X54162
- 20 F-NT2RP3000628//ESTs//0.96:221:61//Hs.131161:AI017333
- F-NT2RP3000632//ESTs//4.4e-53:244:77//Hs.143010:AA767904
- 25 F-NT2RP3000644//Small inducible cytokine A5 (RANTES)//3.0e-49:343:84//Hs.155464:AF088219
- 30 F-NT2RP3000661
- F-NT2RP3000665//Homo sapiens putative transcription factor CA150 mRNA, complete cds//0.62:305:59//Hs.13063:AF017789
- 35 F-NT2RP3000685
- F-NT2RP3000690//EST//1.0:149:64//Hs.140263:AA709001
- 40 F-NT2RP3000736//ESTs//5.3e-26:146:97//Hs.98613:D83884
- F-NT2RP3000739//ESTs//0.0046:66:87//Hs.6880:W26854
- 45 F-NT2RP3000742//ESTs//5.5e-08:311:61//Hs.152224:AI369426
- F-NT2RP3000753//ESTs//2.6e-63:318:97//Hs.153000:AA777765
- 50 F-NT2RP3000759//Homo sapiens mRNA for follistatin-related protein (FRP), complete cds//1.6e-38:245:91//Hs.2427:D89937
- 55 F-NT2RP3000815
- F-NT2RP3000825//EST//1.0:220:61//Hs.135944:N45132

EP 1 074 617 A2

- F-NT2RP3000826//Homo sapiens deltex (Dx) mRNA, complete cds//0.00040:263:65//Hs.124024:AF053700
- 5 F-NT2RP3000836//ESTs, Highly similar to CLATHRIN COAT ASSEMBLY PROTEIN AP47 HOMOLOG 2 [H.sapiens]//1.1e-71:363:96//Hs.23803:AA126476
- 10 F-NT2RP3000841//EST//0.36:224:60//Hs.162094:AA524012
- F-NT2RP3000845//H.sapiens mRNA for serine/threonine protein kinase EMK//6.5e-48:593:68//Hs.157199:X97630
- 15 F-NT2RP3000847//ESTs//0.0028:56:92//Hs.116406:AA209520
- F-NT2RP3000850//Small inducible cytokine A5 (RANTES)//2.0e-49:323:86//Hs.155464:AF088219
- 20 F-NT2RP3000852
- F-NT2RP3000859//ESTs//0.39:169:62//Hs.148948:AA699918
- F-NT2RP3000865//EST//0.15:236:62//Hs.123366:AA811476
- 30 F-NT2RP3000868//Human ovarian cancer downregulated myosin heavy chain homolog (Doc1) mRNA, complete cds//6.4e-31:766:60//Hs.15432:U53445
- F-NT2RP3000869//Human plectin (PLEC1) mRNA, complete cds//1.1e-13:701:60//Hs.79706:U53204
- 35 F-NT2RP3000875
- F-NT2RP3000901//ESTs//8.2e-26:191:87//Hs.18793:R99101
- F-NT2RP3000904//EST//2.4e-49:240:100//Hs.160842:AI348374
- 45 F-NT2RP3000917
- F-NT2RP3000919//MAP KINASE PHOSPHATASE-1//0.19:340:60//Hs.109895:X68277
- 50 F-NT2RP3000968//40S RIBOSOMAL PROTEIN S15A//7.7e-44:351:83//Hs.2953:X84407
- F-NT2RP3000980//ESTs//6.5e-10:102:81//Hs.86950:AI204212
- 55 F-NT2RP3000994//ESTs//4.1e-120:571:98//Hs.127295:AA918411
- F-NT2RP3001004//ESTs//1.1e-76:438:88//Hs.144554:N92198

EP 1 074 617 A2

F-NT2RP3001007

5 F-NT2RP3001055//ESTs, Weakly similar to weak similarity to procollagen alpha chain 1(V)
chain [C.elegans]//2.9e-121:588:98//Hs.128781:AA160707

10 F-NT2RP3001057//ESTs, Highly similar to ZINC FINGER PROTEIN 45 [Homo sapiens]//9.8e-
54:282:97//Hs.30303:AI244662

15 F-NT2RP3001081//Homo sapiens RCC1-like G exchanging factor RLG mRNA, complete
cds//2.7e-51:534:74//Hs.27007:AF060219

F-NT2RP3001084//Homo sapiens mRNA for KIAA0782 protein, partial cds//3.7e-16:474:
60//Hs.21264:AB018325

20 F-NT2RP3001096//Homo sapiens mRNA for cartilage-associated protein (CASP)//4.4e-16:
428:60//Hs.155481:AJ006470

25 F-NT2RP3001107//Human mRNA for KIAA0215 gene, complete cds//2.8e-34:712:
64//Hs.82292:D86969

F-NT2RP3001109//ESTs//1.2e-67:323:99//Hs.134734:AI337050

30 F-NT2RP3001111

F-NT2RP3001113//EST//1.1e-33:173:99//Hs.112640:AA609088

35 F-NT2RP3001115//EST//1.3e-22:122:100//Hs.162990:AA688023

F-NT2RP3001116//ESTs//1.1e-15:93:98//Hs.58412:W74779

40 F-NT2RP3001119//Homo sapiens BC-2 protein mRNA, complete cds//0.96:258:
61//Hs.12107:AF042384

45 F-NT2RP3001120//Zinc finger protein 136 (clone pHZ-20)//2.4e-77:687:75//Hs.69740:
U09367

F-NT2RP3001126//Homo sapiens mRNA for KIAA0775 protein, complete cds//0.00018:341:
60//Hs.94790:AB018318

50 F-NT2RP3001133//Homeo box A4//0.00011:484:59//Hs.77637:M74297

55 F-NT2RP3001140//Homo sapiens mRNA for KIAA0762 protein, partial cds//1.1e-180:851:
98//Hs.5378:AB018305

F-NT2RP3001147

EP 1 074 617 A2

F-NT2RP3001150//PUTATIVE TACHYKININ RECEPTOR//0.97:257:59//Hs.957:M84605

5 F-NT2RP3001155//Homo sapiens mRNA for AND-1 protein//1.7e-191:891:98//Hs.72160:
AJ006266

F-NT2RP3001176

10 F-NT2RP3001214//EST//0.88:218:60//Hs.161147:AI417859

F-NT2RP3001216//ESTs//1.5e-66:340:96//Hs.105994:W19981

15 F-NT2RP3001221//ESTs, Weakly similar to M05D6.7 [C.elegans]//1.7e-97:512:
95//Hs.103816:AA130866

20 F-NT2RP3001232//EST//0.0016:116:71//Hs.136498:AA594010

F-NT2RP3001236//ESTs//3.7e-97:455:99//Hs.157488:AI362756

25 F-NT2RP3001239//MICROTUBULE-ASSOCIATED PROTEIN 1B//1.7e-20:501:62//Hs.103042:
L06237

F-NT2RP3001245//ESTs//7.1e-80:434:93//Hs.22587:AA743132

30 F-NT2RP3001253//Human prepromultimerin mRNA, complete cds//0.99:293:60//Hs.32934:
U27109

35 F-NT2RP3001260//Homo sapiens mRNA for KIAA0726 protein, complete cds//1.2e-48:761:
64//Hs.107809:AB018269

40 F-NT2RP3001268//Zinc finger protein 45 (a Kruppel-associated box (KRAB) domain
polypeptide)//1.2e-42:454:72//Hs.41728:L75847

F-NT2RP3001272//ESTs//5.0e-21:162:87//Hs.69149:AA102566

45 F-NT2RP3001274

F-NT2RP3001281//ESTs//2.1e-39:186:73//Hs.161662:AA836811

50 F-NT2RP3001297//Human mRNA for KIAA0281 gene, complete cds//2.4e-48:544:
69//Hs.31463:D87457

55 F-NT2RP3001307//Human homeodomain protein (Prox 1) mRNA, complete cds//0.72:151:
68//Hs.159437:U44060

F-NT2RP3001318//Amylo-1,6-glucosidase, 4-alpha-glucanotransferase (glycogen

EP 1 074 617 A2

debranching enzyme, glycogen storage disease type III//0.012:522:56//Hs.904:U84010

F-NT2RP3001325//ESTs//2.9e-80:396:97//Hs.99838:AA204731

5

F-NT2RP3001338//Human mRNA for KIAA0211 gene, complete cds//1.6e-30:345:73//Hs.79347:D86966

10

F-NT2RP3001339//Homo sapiens mRNA for KIAA0451 protein, complete cds//6.3e-67:559:80//Hs.18586:AB007920

15

F-NT2RP3001340//Homo sapiens hyperpolarization-activated channel 1 (IH1) mRNA, partial cds//0.00019:473:61//Hs.124161:AF065164

F-NT2RP3001355//ESTs, Weakly similar to ADP,ATP CARRIER PROTEIN, LIVER ISOFORM T2 [H.sapiens]//1.1e-81:421:96//Hs.32508:H29831

20

F-NT2RP3001356//Homo sapiens Nck-2 (NCK2) mRNA, complete cds//0.15:313:60//Hs.129725:AF047487

25

F-NT2RP3001374//ESTs//0.98:269:59//Hs.125303:AA873022

F-NT2RP3001383//Homo sapiens mRNA for Sck, partial cds//0.73:173:65//Hs.30965:AB001451

30

F-NT2RP3001384//Homa sapiens mRNA for HRIHFB2018, partial cds//2.1e-158:743:98//Hs.146214:AB015332

35

F-NT2RP3001392//ESTs//0.013:246:63//Hs.95111:AA514595

F-NT2RP3001396//ESTs//5.6e-16:141:85//Hs.97664:H10783

40

F-NT2RP3001398//Zinc finger protein 45 (a Kruppel-associated box (KRAB) domain polypeptide)//1.0e-05:189:66//Hs.41728:L75847

45

F-NT2RP3001399//Homo sapiens mitochondrial citrate transport protein (CTP) mRNA, 3' end//0.77:132:66//Hs.111024:L77567

F-NT2RP3001407//EST//0.015:167:65//Hs.42217:H96658

50

F-NT2RP3001420//ESTs//1.0:214:60//Hs.91226:AA649047

F-NT2RP3001426

55

F-NT2RP3001427

F-NT2RP3001428//Neurotrophic tyrosine kinase, receptor, type 1//1.8e-73:431:91//Hs.85844:

EP 1 074 617 A2

X66397

5 F-NT2RP3001432//ESTs, Moderately similar to !!!! ALU SUBFAMILY SX WARNING ENTRY !!!!
[H.sapiens]/6.9e-05:195:65//Hs.115868:AA568393

F-NT2RP3001447

10 F-NT2RP3001449//RYANODINE RECEPTOR, SKELETAL MUSCLE//0.00033:187:
68//Hs.89631:U48508

F-NT2RP3001453//ESTs//0.020:260:60//Hs.97882:AA203212

15

F-NT2RP3001457//ESTs//9.4e-29:165:94//Hs.71749:AA988323

F-NT2RP3001459

20

F-NT2RP3001472//Homo sapiens Sox-like transcriptional factor mRNA, complete cds//4.2e-
10:168:70//Hs.32317:AF072836

25

F-NT2RP3001490//ESTs//3.1e-35:198:94//Hs.163665:AA250877

F-NT2RP3001495//ESTs//2.5e-47:239:98//Hs.128045:AA970231

30

F-NT2RP3001497//Homo sapiens multiple membrane spanning receptor TRC8 (TRC8)
mRNA, complete cds//2.8e-172:804:98//Hs.28285:AF064801

35

F-NT2RP3001527//Human lymphoid-specific SP100 homolog (LYSP100-B) mRNA, complete
cds//9.4e-139:743:91//Hs.85283:U36500

F-NT2RP3001529//ESTs, Moderately similar to topoisomerase IC-terminal fragment
[H.sapiens]/0.28:224:65//Hs.105912:AI431328

40

F-NT2RP3001538//ESTs//4.1e-05:139:71//Hs.148425:AI198074

F-NT2RP3001554//Microtubule-associated protein 1A//9.8e-16:327:64//Hs.147918:U38291

45

F-NT2RP3001580//Insulin-like growth factor binding protein 2//1.9e-06:426:59//Hs.162:
X16302

50

F-NT2RP3001587//Guanine nucleotide binding protein (G protein), alpha 11 (Gq class)
//0.049:185:65//Hs.1686:M69013

55

F-NT2RP3001589//Human mRNA for tryptophan hydroxylase (EC 1.14.16.4)//9.6e-51:345:
82//Hs.144563:AF057280

F-NT2RP3001607//ESTs//1.3e-07:299:63//Hs.43231:N22688

EP 1 074 617 A2

- F-NT2RP3001608//ESTs//5.7e-14:85:98//Hs.161133:AI091349
- 5 F-NT2RP3001621//ESTs//1.6e-106:310:96//Hs.128505:AA306435
- F-NT2RP3001629
- 10 F-NT2RP3001634//Homo sapiens TRIAD1 type I mRNA, complete cds//1.4e-62:276:97//Hs.9899:AF099149
- F-NT2RP3001642//ESTs//1.0:148:63//Hs.159495:T70173
- 15 F-NT2RP3001646
- F-NT2RP3001671//Homo sapiens mRNA for NS1-binding protein (NS1-BP)//1.1e-172:816:98//Hs.159597:AJ012449
- 20 F-NT2RP3001672//ESTs//5.0e-16:138:82//Hs.151864:T69027
- 25 F-NT2RP3001676//ESTs, Highly similar to GTP-BINDING PROTEIN LEPA [*Pseudomonas fluorescens*]//9.0e-53:375:85//Hs.41127:AA555184
- F-NT2RP3001678//Human mRNA for KIAA0233 gene, complete cds//0.21:321:65//Hs.79077:D87071
- 30 F-NT2RP3001679//ESTs, Highly similar to HYPOTHETICAL 68.7 KD PROTEIN ZK757.1 IN CHROMOSOME III [*Caenorhabditis elegans*]//4.0e-111:518:99//Hs.20364:AI420022
- 35 F-NT2RP3001688//Homo sapiens mRNA expressed in thyroid gland//1.0:230:63//Hs.7486:D83198
- 40 F-NT2RP3001690//EST//0.15:291:59//Hs.162336:AA564329
- F-NT2RP3001698//ESTs//0.24:134:69//Hs.129551:AA885219
- 45 F-NT2RP3001708//ESTs, Weakly similar to TWISTED GASTRULATION PROTEIN PRECURSOR [*D.melanogaster*]//1.4e-31:191:94//Hs.131279:AA486291
- F-NT2RP3001712//Human SLP-76 associated protein mRNA, complete cds//0.41:259:59//Hs.58435:AF001862
- 50 F-NT2RP3001716//ESTs, Highly similar to BONE MORPHOGENETIC PROTEIN 1 PRECURSOR [*Mus musculus*]//7.6e-159:747:98//Hs.6823:W18181
- 55 F-NT2RP3001724//Homo sapiens chromodomain-helicase-DNA-binding protein mRNA, complete cds//4.4e-161:565:97//Hs.159273:AF054177

EP 1 074 617 A2

- 5 F-NT2RP3001727//ESTs, Highly similar to HYPOTHETICAL 37.7 KD PROTEIN ZK686.3 IN CHROMOSOME III [Caenorhabditis elegans]/3.5e-116:554:98//Hs.144332:AA046836
- 10 F-NT2RP3001730//Human mRNA for KIAA0128 gene, partial cds//1.3e-105:811:78//Hs.90998:D50918
- 15 F-NT2RP3001739
- F-NT2RP3001752//ELK1, member of ETS oncogene family//7.2e-35:299:80//Hs.116549:AL009172
- 20 F-NT2RP3001753//Human putative cerebral cortex transcriptional regulator T-Brain-1 (Tbr-1) mRNA, complete cds//0.10:528:56//Hs.22138:U49250
- F-NT2RP3001764//Human protein-tyrosine phosphatase mRNA, complete cds//2.4e-47:725:64//Hs.41688:U27193
- 25 F-NT2RP3001777//Human eukaryotic translation initiation factor (eIF3) mRNA, complete cds//0.42:198:61//Hs.57783:U78525
- F-NT2RP3001782//Homo sapiens mRNA for KIAA0459 protein, partial cds//9.1e-153:710:98//Hs.28169:AB007928
- 30 F-NT2RP3001792//Human M4 protein mRNA, complete cds//5.6e-27:358:69//Hs.79024:L03532
- 35 F-NT2RP3001799//ESTs//0.0088:178:64//Hs.134938:AI091361
- F-NT2RP3001819//Collagen, type IX, alpha 3//0.026:530:58//Hs.53563:L41162
- 40 F-NT2RP3001844//Homo sapiens mRNA for hair keratin acidic 3-II//0.90:379:58//Hs.32950:X82634
- 45 F-NT2RP3001854//ESTs//1.5e-100:501:96//Hs.72217:AA166729
- F-NT2RP3001855//Human homeobox-containing protein mRNA, complete cds//7.8e-35:481:67//Hs.158225:U68727
- 50 F-NT2RP3001857//ESTs//2.7e-85:414:98//Hs.151001:AA564706
- F-NT2RP3001896//ESTs, Weakly similar to F20D12.3 gene product [C.elegans]/2.9e-94:452:98//Hs.54952:AA872675
- 55 F-NT2RP3001898//Homo sapiens mRNA for synaptogyrin 1a//0.65:245:61//Hs.6139:AL022326

EP 1 074 617 A2

- F-NT2RP3001915//ESTs//1.1e-83:397:99//Hs.157125:AA723896
- 5 F-NT2RP3001926//EST//0.53:362:57//Hs.127917:AA969185
- F-NT2RP3001929//ESTs//7.4e-16:141:82//Hs.138852:AA284247
- 10 F-NT2RP3001931
- F-NT2RP3001938//Cyclin-dependent kinase inhibitor 1C (p57, Kip2)//0.0022:268:61//Hs.106070:U22398
- 15 F-NT2RP3001943//Homo sapiens mRNA for KIAA0675 protein, complete cds//5.8e-167:815:96//Hs.15869:AB014575
- 20 F-NT2RP3001944//ESTs//0.00052:60:91//Hs.131731:AI339335
- F-NT2RP3001969
- 25 F-NT2RP3001989//EST//0.00016:263:63//Hs.144096:AI032180
- F-NT2RP3002002//Small inducible cytokine A5 (RANTES)//4.0e-61:293:83//Hs.155464:AF088219
- 30 F-NT2RP3002004//H.sapiens mRNA for FAST kinase//5.2e-28:104:100//Hs.75087:X86779
- F-NT2RP3002007//ESTs//0.025:88:69//Hs.163310:AA856946
- 35 F-NT2RP3002014//ESTs//4.8e-70:291:98//Hs.123693:AA283821
- F-NT2RP3002033//Homo sapiens mRNA for HYA22, complete cds//0.021:175:67//Hs.147189:D88153
- 40 F-NT2RP3002045//ESTs, Highly similar to ALPHA-ADAPTIN [M.musculus]//3.8e-48:353:81//Hs.127507:AA993745
- 45 F-NT2RP3002054//ESTs, Weakly similar to KIAA0319 [H.sapiens]//3.0e-25:212:83//Hs.71622:AA195155
- 50 F-NT2RP3002056//ESTs, Highly similar to RETINOBLASTOMA BINDING PROTEIN 1 [Homo sapiens]//4.2e-82:407:97//Hs.131888:AI091806
- 55 F-NT2RP3002057//Human Line-1 repeat mRNA with 2 open reading frames//3.7e-21:168:85//Hs.23094:M19503
- F-NT2RP3002062//EST//0.46:198:62//Hs.157711:AI359710

EP 1 074 617 A2

- 5 F-NT2RP3002063//Membrane metallo-endopeptidase (neutral endopeptidase, enkephalinase, CALLA, CD10)//0.91:194:65//Hs.1298:J03779
- F-NT2RP3002081
- 10 F-NT2RP3002097//Homo sapiens proline and glutamic acid rich nuclear protein isoform mRNA partial cds//0.073:297:61//Hs.102732:U88153
- F-NT2RP3002102//EST//2.8e-16:237:67//Hs.136255:T70256
- 15 F-NT2RP3002108
- F-NT2RP3002142//ESTs//4.3e-138:654:98//Hs.5729:AA306018
- 20 F-NT2RP3002146//H.sapiens mRNA for RanGTPase activating protein 1//0.27:276:62//Hs.5923:X82260
- 25 F-NT2RP3002147//Human DNA sequence from clone 431H6 on chromosome 16. Contains a novel gene with some homology to mouse HN1 (Hematological and Neurological expressed sequence 1) downstream of a putative CpG island. Contains ESTs and GSSs//6.0e-51:204:99//Hs.107256:AL031009
- 30 F-NT2RP3002151//G1 to S phase transition 1//2.6e-37:292:81//Hs.2707:X17644
- F-NT2RP3002163//Human DNA fragmentation factor-45 mRNA, complete cds//0.46:224:60//Hs.155344:U91985
- 35 F-NT2RP3002165//ESTs, Highly similar to TRANSCRIPTIONAL REGULATOR PROTEIN HCNGP [Mus musculus]//3.0e-61:340:93//Hs.11379:AA594140
- 40 F-NT2RP3002166//EST//0.039:114:69//Hs.140335:AA737046
- F-NT2RP3002173//ESTs, Weakly similar to HYPOTHETICAL 92.1 KD PROTEIN ZK1098.3 IN CHROMOSOME III [Caenorhabditis elegans]//4.0e-39:255:72//Hs.141429:AA631915
- 45 F-NT2RP3002181//ESTs//3.6e-111:518:99//Hs.128505:AA30643
- 50 F-NT2RP3002244//Myosin, heavy polypeptide 6, cardiac muscle, alpha (cardiomyopathy, hypertrophic1)//0.98:242:57//Hs.114001:Z20656
- F-NT2RP3002248
- 55 F-NT2RP3002255//ESTs//8.4e-19:227:75//Hs.122817:AA772261
- F-NT2RP3002273//Homo sapiens homeobox protein A10 (HOXA10) gene, complete

EP 1 074 617 A2

cds//0.42:189:62//Hs.110637:AC004080

F-NT2RP3002276//ESTs//8.2e-97:463:98//Hs.45120:AA225139

5

F-NT2RP3002303//ESTs//7.1e-10:96:87//Hs.135700:AA989386

F-NT2RP3002304//Protein phosphatase 1, catalytic subunit, beta isoform//1.3e-05:496:60//Hs.21537:X80910

10

F-NT2RP3002330//ESTs//1.3e-81:482:90//Hs.121460:AA744871

15

F-NT2RP3002343//Homo sapiens potassium channel mRNA, complete cds//0.30:462:56//Hs.143624:AF033383

F-NT2RP3002351//NAD-DEPENDENT METHYLENETETRAHYDROFOLATE DEHYDROGENASE//1.6e-65:588:75//Hs.154672:X16396

20

F-NT2RP3002352//Homo sapiens mRNA for protein encoded by cxorf5 (71-7A) gene//4.2e-166:770:98//Hs.6483:Y16355

25

F-NT2RP3002377//Homo sapiens mRNA for KIAA0788 protein, partial cds//7.5e-161:911:89//Hs.2397:Z70200

30

F-NT2RP3002399

F-NT2RP3002402//ESTs, Weakly similar to F02E9.6 [C.elegans]//4.3e-41:233:94//Hs.22880:AA056274

35

F-NT2RP3002455//Homo sapiens mRNA for KIAA0678 protein, partial cds//3.9e-140:649:99//Hs.12707:AB014578

40

F-NT2RP3002484//ESTs//0.95:166:63//Hs.149993:AI291310

F-NT2RP3002501//ESTs//0.92:43:90//Hs.119314:AA432108

45

F-NT2RP3002512//Homo sapiens mRNA for KIAA0466 protein, partial cds//1.0:173:61//Hs.81234:AB007935

F-NT2RP3002529//Human vacuolar protein sorting homolog h-vps45 mRNA, complete cds//4.4e-146:763:93//Hs.57738:U35246

50

F-NT2RP3002545//Homo sapiens mRNA for KIAA0729 protein, partial cds//5.9e-180:833:98//Hs.19542:AB018272

55

F-NT2RP3002549//ESTs, Weakly similar to POLYPOSIS LOCUS PROTEIN 1 [H.sapiens]//1.3e-42:510:70//Hs.96759:AA469984

EP 1 074 617 A2

F-NT2RP3002566//Carnitine acetyltransferase//0.032:226:62//Hs.12068:X78706

5 F-NT2RP3002587//EST//4.8e-31:330:74//Hs.139415:AA426054

F-NT2RP3002590//EST//1.3e-40:202:100//Hs.144716:AI187919

10 F-NT2RP3002602//RYANODINE RECEPTOR, SKELETAL MUSCLE//1.3e-06:280:63//Hs.89631:U48508

F-NT2RP3002603

15 F-NT2RP3002628//Homo sapiens mRNA for MSJ-1, complete cds//1.5e-05:264:61//Hs.3845:AB014888

20 F-NT2RP3002631//Homo sapiens ADAM 21 mRNA, partial cds//0.97:320:58//Hs.121287:AF029900

F-NT2RP3002650//Homo sapiens mRNA for cartilage-associated protein (CASP)//2.6e-13:441:63//Hs.155481:AJ006470

25 F-NT2RP3002659//Human TAR RNA loop binding protein (TRP-185) mRNA, complete cds//1.7e-05:615:58//Hs.151518:U38847

30 F-NT2RP3002660//ESTs//2.9e-32:164:100//Hs.152982:AA584308

F-NT2RP3002663//ESTs, Highly similar to OXYSTEROL-BINDING PROTEIN [Homo sapiens]//4.1e-38:493:70//Hs.41086:AI337400

35 F-NT2RP3002671//ESTs//3.7e-05:288:59//Hs.161359:AI421991

40 F-NT2RP3002682//ESTs, Weakly similar to F17C11.8 [C.elegans]//1.6e-61:294:100//Hs.128750:AI367584

F-NT2RP3002687

45 F-NT2RP3002688//EST//1.0:312:58//Hs.156800:AI352200

F-NT2RP3002701//EST//0.00083:55:87//Hs.159750:AI393657

50 F-NT2RP3002713//ESTs//0.93:229:61//Hs.150459:AI279514

F-NT2RP3002763//ESTs//1.7e-97:419:96//Hs.121593:W86291

55 F-NT2RP3002770//Homo sapiens G protein-coupled receptor kinase 6 (GRK6) gene, partial cds//0.91:161:62//Hs.129736:AF040753

EP 1 074 617 A2

F-NT2RP3002785

5 F-NT2RP3002799//EST//1.7e-17:199:73//Hs.118694:AA148713

F-NT2RP3002810//ESTs, Weakly similar to KIAA0062 [H.sapiens]//1.4e-76:423:93//Hs.41068:AA844350

10

F-NT2RP3002818//Homo sapiens jerky gene product homolog mRNA, complete cds//2.2e-55:615:70//Hs.105940:AF004715

15 F-NT2RP3002861//ESTs//1.1e-88:468:94//Hs.159821:AA524070

F-NT2RP3002869//ESTs//3.4e-23:132:97//Hs.148873:T33582

20 F-NT2RP3002876//Homo sapiens mRNA for B120, complete cds//2.7e-90:557:88//Hs.123090:AB001895

F-NT2RP3002877//ESTs//1.1e-19:160:84//Hs.118273:AA626040

25

F-NT2RP3002909//Homo sapiens mRNA for KIAA0771 protein, partial cds//1.8e-181:853:98//Hs.6162:AB018314

30 F-NT2RP3002911//ESTs//2.8e-07:160:70//Hs.140402:AI138765

F-NT2RP3002948//ESTs, Highly similar to RING CANAL PROTEIN [Drosophila melanogaster]//1.4e-133:645:97//Hs.3826:U69560

35

F-NT2RP3002953//Homo sapiens mRNA for KIAA0588 protein, complete cds//5.2e-13:594:57//Hs.74599:AB011160

40 F-NT2RP3002955//Homo sapiens mRNA for KIAA0719 protein, complete cds//0.76:412:57//Hs.21198:AB018262

F-NT2RP3002969//EST//3.7e-50:272:94//Hs.162331:AA563870

45

F-NT2RP3002972//Homo sapiens PAC clone DJ130H16 from 22q12.1-qter//5.1e-35:361:75//Hs.8003:AC004997

50 F-NT2RP3002978//ESTs//2.8e-46:253:95//Hs.151924:AI287703

F-NT2RP3002985//Human TFIIIB related factor hBRF (HBRF) mRNA, complete cds//0.071:550:58//Hs.32935:U28838

55

F-NT2RP3002988//EST//0.0016:180:63//Hs.147632:AI218308

EP 1 074 617 A2

F-NT2RP3003008//Human DNA-binding protein (HRC1) mRNA, complete cds//0.59:201:63//Hs.72925:M91083

5 F-NT2RP3003032//ESTs//9.1e-40:241:92//Hs.113363:C06446

F-NT2RP3003059//ESTs//0.0015:399:58//Hs.136895:AA897749

10 F-NT2RP3003061//Ankyrin 1, erythrocytic//4.5e-14:633:59//Hs.1242:X16609

F-NT2RP3003068//EST//0.00014:80:83//Hs.121993:AA777928

15 F-NT2RP3003071//ESTs//1.1e-62:315:98//Hs.16141:W56079

F-NT2RP3003078

20 F-NT2RP3003101

F-NT2RP3003121//EST, Moderately similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!!
[H.sapiens]//0.98:88:68//Hs.99715:AA292700

25

F-NT2RP3003133//EST//8.0e-17:218:68//Hs.134815:AI090740

30 F-NT2RP3003138//Homo sapiens vasopressin-activated calcium mobilizing putative receptor protein (VACM-1) mRNA, complete cds//0.013:438:57//Hs.101299:AF017061

F-NT2RP3003139//ESTs//0.020:260:61//Hs.59142:W88975

35 F-NT2RP3003145//Homo sapiens aortic carboxypeptidase-like protein ACLP mRNA, complete cds//2.2e-20:430:63//Hs.118397:AF053944

F-NT2RP3003150

40

F-NT2RP3003157//Human repressor transcriptional factor (ZNF85) mRNA, complete cds//2.0e-72:894:68//Hs.37138:U35376

45 F-NT2RP3003185//Homo sapiens mRNA for KIAA0521 protein, partial cds//0.045:410:59//Hs.6150:AB011093

F-NT2RP3003193//Zinc finger protein 10 (KOX 1)//2.4e-74:737:71//Hs.2479:X78933

50

F-NT2RP3003197//ESTs//1.8e-24:130:100//Hs.162504:AA668211

F-NT2RP3003203//ESTs//3.5e-30:232:82//Hs.6880:W26854

55

F-NT2RP3003204//ESTs//3.1e-109:524:98//Hs.152982:AA584308

EP 1 074 617 A2

F-NT2RP3003210//ESTs//3.6e-16:113:91//Hs.121030:AA625325

F-NT2RP3003212//EST//1.0e-52:500:74//Hs.161635:W22525

5

F-NT2RP3003230//Human mRNA for actin binding protein p57, complete cds//6.0e-55:587:70//Hs.109606:D44497

10

F-NT2RP3003242//Homo sapiens stanniocalcin-2 (STC-2) mRNA, complete cds//1.2e-129:617:98//Hs.155223:AF055460

F-NT2RP3003251//H.sapiens Staf50 mRNA//1.1e-68:651:76//Hs.68054:X82200

15

F-NT2Rp3003264//Human bullous 230 kDa pemphigoid antigen (BPAG1) mRNA, complete cds//0.069:382:59//Hs.620:M69225

20

F-NT2RP3003278//Homo sapiens hook2 protein (HOOK2) mRNA, complete cds//0.98:261:59//Hs.30792:AF044924

25

F-NT2RP3003282//Homo sapiens dynamin (DNM) mRNA, complete cds//4.2e-133:694:93//Hs.11702:L36983

F-NT2RP3003290//Human mRNA for RTP, complete cds//6.3e-66:662:71//Hs.75789:D87953

30

F-NT2RP3003301//EST//1.0:58:74//Hs.158575:AI368947

F-NT2RP3003302//Human Line-1 repeat mRNA with 2 open reading frames//3.1e-91:681:80//Hs.23094:M19503

35

F-NT2RP3003311//ESTs//0.95:308:59//Hs.27308:AA534947

F-NT2RP3003313//ESTs//0.0016:345:61//Hs.143304:AI084058

40

F-NT2RP3003327//H.sapiens Staf50 mRNA//8.0e-31:253:67//Hs.68054:X82200

F-NT2RP3003330

45

F-NT2RP3003344

F-NT2RP3003346//H.sapiens mRNA for delta 4-3-oxosteroid 5 beta-reductase//1.2e-42:644:66//Hs.2638:Z28339

50

F-NT2RP3003353//Breast cancer 1, early onset//0.30:145:67//Hs.66746:L78833

55

F-NT2RP3003377//Human mRNA for cadherin-15, complete cds//0.019:416:60//Hs.148090:D83542

EP 1 074 617 A2

F-NT2RP3003384//ESTs//1.1e-65:346:96//Hs.35012:R92791

5 F-NT2RP3003385//ESTs, Highly similar to SKD3 [M.musculus]//7.0e-74:384:96//Hs.21263:
H16363

F-NT2RP3003403//ESTs//4.9e-12:335:63//Hs.87258:AA463850

10 F-NT2RP3003409//Human DHHC-domain-containing cysteine-rich protein mRNA, complete
cds//3.2e-22:430:63//Hs.113272:U90653

15 F-NT2RP3003411//Human metallothionein-le gene (hMT-le)//0.99:116:62//Hs.74170:M10942

F-NT2RP3003427//ESTs//0.24:447:61//Hs.160907:AI422830

20 F-NT2RP3003433//Protein tyrosine phosphatase, non-receptor type 12//1.0:243:61//Hs.62:
M93425

25 F-NT2RP3003464//Homo sapiens rab3-GAP regulatory domain mRNA, complete cds//1.7e-
182:853:98//Hs.14934:AF004828

F-NT2RP3003490//Homo sapiens mRNA for KIAA0725 protein, partial cds//5.2e-175:826:
98//Hs.26450:AB018268

30 F-NT2RP3003491//Ryanodine receptor 2 (cardiac)//1.0:148:66//Hs.90821:X98330

F-NT2RP3003500//ESTs//0.86:211:62//Hs.136037:AA013302

35 F-NT2RP3003543//Homo sapiens clone 23790 unknown protein mRNA, complete cds//0.64:
626:58//Hs.150828:AF038169

40 F-NT2RP3003552

F-NT2RP3003555//ESTs//1.4e-12:81:98//Hs.144487:AI418322

45 F-NT2RP3003564//EST//4.5e-08:186:69//Hs.116769:AA630365

F-NT2RP3003572//EST//0.27:105:69//Hs.162134:AA526311

50 F-NT2RP3003576//ESTs//1.2e-57:277:84//Hs.138852:AA284247

F-NT2RP3003589//RAS-RELATED PROTEIN RAB-8//6.3e-38:373:73//Hs.123109:X56741

55 F-NT2RP3003621//HEPATOCYTE GROWTH FACTOR ACTIVATOR PRECURSOR//8.0e-09:
564:61//Hs.104:D14012

F-NT2RP3003625

EP 1 074 617 A2

F-NT2RP3003656

5 F-NT2RP3003659

F-NT2RP3003665//ESTs//0.015:221:62//Hs.153705:AA527586

10 F-NT2RP3003672//ESTs//0.70:351:57//Hs.27633:N76184

F-NT2RP3003680//Human Bcl2, p53 binding protein Bbp/53BP2 (BBP/53BP2) mRNA, complete cds//0.013:190:63//Hs.44585:U58334

15 F-NT2RP3003686//Homo sapiens clone 24519 unknown mRNA, partial cds//0.69:246:62//Hs.118463:AF055000

20 F-NT2RP3003701//EST//0.93:79:69//Hs.145285:AI249848

F-NT2RP3003716//Homo sapiens KIAA0405 mRNA, complete cds//8.3e-24:478:61//Hs.48998:AB007865

25 F-NT2RP3003726//Homo sapiens mRNA for KIAA0757 protein, complete cds//7.4e-150:700:98//Hs.48513:AB018300

30 F-NT2RP3003746

F-NT2RP3003795//ESTs//7.1e-20:228:74//Hs.159571:AA454230

35 F-NT2RP3003799

F-NT2RP3003800//Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog//4.7e-41:432:73//Hs.1422:M19722

40 F-NT2RP3003805//Myosin, heavy polypeptide 6, cardiac muscle, alpha (cardiomyopathy, hypertrophic 1)//0.98:242:57//Hs.114001:Z20656

45 F-NT2RP3003809//Human transcription factor, forkhead related activator 4 (FREAC-4) mRNA, complete cds//5.1e-07:624:59//Hs.96028:AF042832

50 F-NT2RP3003819//Human ring zinc-finger protein (ZNF127-Xp) gene and 5' flanking sequence//0.84:171:63//Hs.102877:U41315

F-NT2RP3003825

55 F-NT2RP3003828//ESTs//2.1e-12:434:61//Hs.156864:AI346481

F-NT2RP3003831

EP 1 074 617 A2

- 5 F-NT2RP3003833//Homo sapiens clones 24718 and 24825 mRNA sequence//2.6e-48:242:98//Hs.25300:AF070611
- 10 F-NT2RP3003842//Integrin, beta 8//1.0:345:60//Hs.832:M73780
- 15 F-NT2RP3003846//Homo sapiens mRNA for KIAA0725 protein, partial cds//1.3e-37:335:68//Hs.26450:AB018268
- 20 F-NT2RP3003870//Homo sapiens mRNA for KIAA0800 protein, complete cds//1.3e-175:805:99//Hs.118738:AB018343
- 25 F-NT2RP3003876//ESTs, Highly similar to Rabin3 [R.norvegicus]//6.8e-39:243:90//Hs.124832:AA846576
- 30 F-NT2RP3003914//ESTs, Weakly similar to UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE PRECURSOR [D.melanogaster]//1.1e-107:499:99//Hs.105794:AA701659
- 35 F-NT2RP3003918//Homo sapiens VAMP-associated protein of 33 kDa (VAP-33) mRNA, complete cds//8.3e-49:404:77//Hs.9006:AF057358
- 40 F-NT2RP3003932//ESTs//0.94:278:58//Hs.15661:W02396
- 45 F-NT2RP3003989//ESTs//1.0:174:64//Hs.8095:AI359006
- 50 F-NT2RP3003992//Cyclic nucleotide gated channel (photoreceptor), cGMP gated 2 (beta) //0.00070:433:58//Hs.93909:AF042498
- 55 F-NT2RP3004013//ESTs, Moderately similar to M-phase phosphoprotein 4 [H.sapiens]//2.8e-127:617:97//Hs.142151:AA984061
- F-NT2RP3004016//Human p300/CBP-associated factor (P/CAF) mRNA, complete cds//0.0086:283:62//Hs.155302:U57317
- F-NT2RP3004041//EST//0.98:264:58//Hs.127552:AA953234
- F-NT2RP3004051//Human mRNA for KIAA0319 gene, complete cds//7.0e-63:774:67//Hs.26441:AB002317
- F-NT2RP3004070//EST//6.8e-22:163:85//Hs.132635:AI032875
- F-NT2RP3004078//Regulatory factor (trans-acting) 2 (influences HLA class II expression) //5.3e-90:520:90//Hs.100007:X76091
- F-NT2RP3004093

EP 1 074 617 A2

- F-NT2RP3004095//Human clone 23732 mRNA, partial cds//3.3e-27:372:69//Hs.81281:U79258
- 5 F-NT2RP3004110//Human mRNA for KIAA0392 gene, partial cds//1.2e-20:211:77//Hs.40100:AB002390
- 10 F-NT2RP3004125//ESTs, Highly similar to OOCYTE ZINC FINGER PROTEIN XLCOF7.1 [Xenopus laevis]//1.0e-126:590:99//Hs.129888:AI096509
- F-NT2RP3004145
- 15 F-NT2RP3004148
- F-NT2RP3004155//Homo sapiens timing protein CLK-1 mRNA, complete cds//2.1e-121:578:98//Hs.157113:AF032900
- 20 F-NT2RP3004189//ESTs//1.3e-80:409:97//Hs.151001:AA564706
- 25 F-NT2RP3004206//Human mRNA for stac, complete cds//1.0:245:60//Hs.56045:D86640
- F-NT2RP3004207//Transcription factor 3 (E2A immunoglobulin enhancer binding factors E12/E47)//0.095:281:62//Hs.101047:M31523
- 30 F-NT2RP3004209//ESTs//5.8e-87:458:94//Hs.155303:AI221835
- F-NT2RP3004215//ESTs//0.074:56:80//Hs.163590:H43361
- 35 F-NT2RP3004242
- F-NT2RP3004246//EST//0.20:219:63//Hs.161920:AA483240
- 40 F-NT2RP3004253//ESTs//1.2e-36:204:96//Hs.143588:AI149140
- F-NT2RP3004258//Human gene for neurofilament subunit M (NF-M)//7.2e-07:369:59//Hs.71346:Y00067
- 45 F-NT2RP3004262//Homo sapiens heat shock protein hsp40-3 mRNA, complete cds//1.0e-154:733:98//Hs.158471:AF088982
- 50 F-NT2RP3004282//Homo sapiens torsinA (DYT1) mRNA, complete cds//4.2e-26:597:61//Hs.19261:AF007871
- 55 F-NT2RP3004332
- F-NT2RP3004334//ESTs//8.8e-27:142:99//Hs.28068:H06285

EP 1 074 617 A2

- F-NT2RP3004341//EST//0.0068:213:64//Hs.153208:X98426
- 5 F-NT2RP3004348//ESTs//1.2e-18:126:93//Hs.58595:AA830999
- F-NT2RP3004349//ESTs, Weakly similar to HYPOTHETICAL 92.1 KD PROTEIN ZK1098.3 IN CHROMOSOME III [Caenorhabditis elegans]//3.9e-45:337:83//Hs.141429:AA631915
- 10 F-NT2RP3004378//ESTs, Weakly similar to weak similarity to procollagen alpha chain 1(V) chain [C.elegans]//4.3e-125:608:98//Hs.128781:AA160707
- 15 F-NT2RP3004399//H.sapiens mRNA for leucine-rich, primary response protein 1//2.3e-141:804:90//Hs.123122:X97249
- F-NT2RP3004424//ESTs, Weakly similar to JTV-1 [H.sapiens]//3.2e-122:609:96//Hs.20132:AA203113
- 20 F-NT2RP3004428//Homo sapiens ALR mRNA, complete cds//0.00044:458:60//Hs.153638:AF010403
- 25 F-NT2RP3004451//Bone morphogenetic protein 8 (osteogenic protein 2)//0.00023:357:59//Hs.99948:M97016
- 30 F-NT2RP3004454//Homo sapiens mRNA for KIAA0448 protein, complete cds//2.0e-124:583:99//Hs.27349:AB007917
- F-NT2RP3004466//Homo sapiens mRNA for KIAA0664 protein, partial cds//0.48:399:58//Hs.22616:AB014564
- 35 F-NT2RP3004470//EST//1.3e-56:331:91//Hs.136830:AA769219
- 40 F-NT2RP3004472
- F-NT2RP3004475//Homo sapiens mRNA for KIAA0456 protein, partial cds//9.8e-152:715:98//Hs.5003:AB007925
- 45 F-NT2RP3004480//ESTs, Highly similar to VACUOLAR SORTING PROTEIN 35 [Saccharomyces cerevisiae]//4.6e-118:547:99//Hs.124768:AA307735
- 50 F-NT2RP3004490//Homo sapiens mRNA for Musashi, complete cds//2.3e-156:752:97//Hs.158311:AB012851
- 55 F-NT2RP3004498//ESTs, Moderately similar to ROSA26AS [M.musculus]//3.5e-89:425:99//Hs.126082:AI077718
- F-NT2RP3004503//EST//5.3e-49:399:81//Hs.162335:AA564256

EP 1 074 617 A2

- 5 F-NT2RP3004504//Homo sapiens mRNA for KIAA0479 protein, partial cds//1.0:370:59//Hs.158244:AB007948
- F-NT2RP3004507//Human zinc finger protein (MAZ) mRNA//0.86:129:66//Hs.7647:M94046
- 10 F-NT2RP3004527//EST//0.053:260:62//Hs.123314:AA810110
- F-NT2RP3004534//ESTs//3.5e-78:370:99//Hs.132808:AI031571
- 15 F-NT2RP3004539//Homo sapiens mRNA for KIAA0632 protein, partial cds//2.7e-146:679:98//Hs.75970:AB014532
- F-NT2RP3004544//Homo sapiens mRNA for KIAA0554 protein, partial cds//9.1e-171:793:98//Hs.74750:AB011126
- 20 F-NT2RP3004566//ESTs, Highly similar to ZINC FINGER PROTEIN MLZ-4 [Mus musculus]//2.2e-66:362:94//Hs.125870:AI364967
- 25 F-NT2RP3004569
- F-NT2RP3004572//Homo sapiens cofactor of initiator function (CIF50) mRNA, complete cds//3.3e-181:860:97//Hs.122752:AF026445
- 30 F-NT2RP3004578//Homo sapiens mRNA for KIAA0454 protein, partial cds//4.0e-85:422:97//Hs.129928:AB007923
- 35 F-NT2RP3004594//Homo sapiens mRNA for AND-1 protein//3.7e-160:796:95//Hs.72160:AJ006266
- 40 F-NT2RP3004617//ESTs, Weakly similar to estrogen-responsive finger protein, efp [H.sapiens]//6.4e-13:356:64//Hs.124138:AI266336
- F-NT2RP3004618//ESTs//1.5e-42:481:70//Hs.130768:AA909232
- 45 F-NT2RP3004669//Human plectin (PLEC1) mRNA, complete cds//0.0099:538:56//Hs.79706:U53204
- 50 F-NT2RP3004670//Homo sapiens sox1 gene//0.11:311:58//Hs.144029:Y13436
- F-NT2RP4000008//ESTs, Highly similar to CHLORINE CHANNEL PROTEIN P64 [Bos taurus]//8.0e-177:827:98//Hs.118991:AA675919
- 55 F-NT2RP4000023//ESTs//1-4e-33:182:96//Hs.122722:AA455668
- F-NT2RP4000035//ESTs//1.1e-23:283:72//Hs.142147:AA706495

EP 1 074 617 A2

- 5 F-NT2RP4000049//Homo sapiens decoy receptor 2 mRNA, complete cds//6.8e-83:556:85//Hs.129844:AF029761
- F-NT2RP4000051//Homo sapiens mRNA for cartilage-associated protein (CASP)//4.9e-13:441:62//Hs.155481:AJ006470
- 10 F-NT2RP4000078//Homo sapiens mRNA for NS1-binding protein (NS1-BP)//8.0e-151:720:97//Hs.159597:AJ012449
- F-NT2RP4000102//ESTs//8.8e-33:184:82//Hs.93054:H47743
- 15 F-NT2RP4000109//Homo sapiens mRNA for MEGF5, partial cds//1.4e-167:774:99//Hs.57929:AB011538
- 20 F-NT2RP4000111
- F-NT2RP4000129//Homo sapiens mRNA for KIAA0483 protein, partial cds//1.1e-115:548:98//Hs.64691:AB007952
- 25 F-NT2RP4000147//Human mRNA for KIAA0041 gene, partial cds//0.00045:212:63//Hs.75520:D26069
- 30 F-NT2RP4000150
- F-NT2RP4000151//Homo sapiens chromosome 7q22 sequence//0.98:431:59//Hs.3386:AF053356
- 35 F-NT2RP4000159
- F-NT2RP4000167
- 40 F-NT2RP4000185//ESTs//1.1e-51:240:68//Hs.33020:N31946
- F-NT2RP4000210//Homo sapiens mRNA for KIAA0700 protein, partial cds//1.6e-175:825:98//Hs.13999:AB014600
- 45 F-NT2RP4000212//ESTs//1.6e-10:74:95//Hs.111885:AA422006
- 50 F-NT2RP4000214//ESTs//3.9e-11:225:68//Hs.59793:AA451731
- F-NT2RP4000218//Human G protein-coupled receptor (STRL22) mRNA, complete cds//6.2e-34:425:71//Hs.46468:U45984
- 55 F-NT2RP4000243//Homo sapiens mRNA for cartilage-associated protein (CASP)//8.6e-158:771:97//Hs.155481:AJ006470

EP 1 074 617 A2

- 5 F-NT2RP4000246//ESTs, Highly similar to NPC DERIVED PROLINE RICH PROTEIN 1
[M.musculus]//1.9e-62:384:89//Hs.115498:AA436298
- F-NT2RP4000259//Homo sapiens clone 683 unknown mRNA, complete sequence//9.4e-
130:604:99//Hs.43728:AF091092
- 10 F-NT2RP4000263
- F-NT2RP4000290//EST//1.0:149:63//Hs.136928:AA812580
- 15 F-NT2RP4000312//Human mRNA for KIAA0147 gene, partial cds//1.5e-42:685:
63//Hs.158132:D63481
- F-NT2RP4000321//Homo sapiens gene for insulin receptor substrate-2, complete cds//8.6e-
20 05:547:57//Hs.143648:AB000732
- F-NT2RP4000323//Human HCF1 gene related mRNA sequence//0.48:589:58//Hs.83634:
U52112
- 25 F-NT2RP4000355
- F-NT2RP4000360//Homo sapiens mRNA for KIAA0738 protein, complete cds//6.4e-142:654:
30 99//Hs.107479:AB018281
- F-NT2RP4000367//Homo sapiens IkappaB kinase complex associated protein (IKAP)
mRNA, complete cds//8.5e-137:649:97//Hs.31323:AF044195
- 35 F-NT2RP4000370//ESTs, Weakly similar to MITOCHONDRIAL PEPTIDE CHAIN RELEASE
FACTOR 1 PRECURSOR [S.cerevisiae]//1.2e-09:157:76//Hs.97950:AI382073
- 40 F-NT2RP4000376//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE
PHOSPHODIESTERASE BETA 2//0.098:291:59//Hs.994:M95678
- F-NT2RP4000381//Myosin, heavy polypeptide 7, cardiac muscle, beta//0.00025:509:
45 59//Hs.929:M57965
- F-NT2RP4000398//Zinc finger protein 140 (clone pHZ-39)//4.9e-60:469:68//Hs.154205:
U09368
- 50 F-NT2RP4000415//ESTs//0.85:89:67//Hs.152312:AA485688
- F-NT2RP4000417//Homo sapiens alpha 1,2-mannosidase IB mRNA, complete cds//0.014:
55 178:66//Hs.125315:AF027156
- F-NT2RP4000424//Human G protein-coupled receptor (STRL22) mRNA, complete cds//2.0e-

EP 1 074 617 A2

34:431:73//Hs.46468:U45984

5 F-NT2RP4000448//Human mRNA for KIAA0118 gene, partial cds//1.9e-37:360:
75//Hs.154326:D42087

F-NT2RP4000449//EST//0.84:113:65//Hs.145274:AI249468

10 F-NT2RP4000455//ALPHA-2C-1 ADRENERGIC RECEPTOR//0.063:221:61//Hs.123022:
J03853

15 F-NT2RP4000457//H.sapiens mRNA for herpesvirus associated ubiquitin-specific protease
(HAUSP)//1.1e-05:532:57//Hs.78683:Z72499

20 F-NT2RP4000480//Homo sapiens mRNA, complete cds//0.056:655:60//Hs.133151:
AB001535

F-NT2RP4000481//Human mRNA for KIAA0268 gene, partial cds//0.46:272:58//Hs.78862:
D87742

25 F-NT2RP4000498//Human DNA binding protein FKHL15 (FKHL15) mRNA, complete
cds//0.94:133:69//Hs.159234:U89995

30 F-NT2RP4000500//V-myb avian myeloblastosis viral oncogene homolog-like 2//0.60:335:
61//Hs.74605:X13293

F-NT2RP4000515//ESTs//2.9e-45:253:95//Hs.104898:AA429594

35 F-NT2RP4000517//EST//0.043:131:64//Hs.99030:AA443904

40 F-NT2RP4440518//Homo sapiens mRNA for ATP-dependent RNA helicase, partial//2.0e-34:
203:93//Hs.99423:AJ010840

F-NT2RP4000519//Human mRNA for KIAA0374 gene, complete cds//0.33:154:
66//Hs.100837:AB002372

45 F-NT2RP4000524

F-NT2RP4000528

50 F-NT2RP4000541//ESTs//2.1e-51:251:99//Hs.157240:AI348154

55 F-NT2RP4000556//ESTs, Highly similar to 60S RIBOSOMAL PROTEIN L11
[R.norvegicus]//1.1e-27:162:93//Hs.25597:H93026

F-NT2RP4000560//ESTs//2.5e-09:181:66//Hs.122609:AA778351

EP 1 074 617 A2

F-NT2RP4000588//ESTs//1.4e-46:533:70//Hs.8836:AA181053

5 F-NT2RP4000614//Homo sapiens TLS-associated protein TASR-2 mRNA, complete
cgs//1.0e-139:666:98//Hs.4214:AF067730

F-NT2RP4000638//Fibroblast growth factor 2 (basic)//1.0:226:61//Hs.56066:J04513

10 F-NT2RP4000648//ESTs//2.5e-11:116:80//Hs.115449:AA418396

F-NT2RP4000657//Homo sapiens bone morphogenetic protein 11 (BMP11) mRNA,
15 complete cds//0.00056:367:60//Hs.144626:AF100907

F-NT2RP4000704//Homo sapiens mRNA expressed in 19week fetal lung, clone IMAGE:
300856//8.0e-167:676:98//Hs.50748:AB004848

20 F-NT2RP4000713//Homo sapiens N-methyl-D-aspartate receptor 2D subunit precursor
(NMDAR2D) mRNA, complete cds//6.9e-07:494:61//Hs.113286:U77783

25 F-NT2RP4000724//ESTs, Weakly similar to pol/env ORF [H.sapiens]//2.8e-46:411:
78//Hs.111817:T80622

F-NT2RP4000728//Homo sapiens mRNA for KIAA0606 protein, partial cds//9.9e-43:350:
30 71//Hs.38176:AB011178

F-NT2RP4000737//Human mRNA for KIAA0252 gene, partial cds//0.97:409:60//Hs.83419:
D87440

35 F-NT2RP4000739//DESMOPLAKIN I AND II//0.99:192:63//Hs.74316:AL031058

F-NT2RP4000781//Homo sapiens mRNA for APC 2 protein, complete cds//0.023:351:
40 60//Hs.20912:AB012162

F-NT2RP4000787//Human mRNA for ESP1/CRP2, complete cds//0.0051:276:58//Hs.70327:
D42123

45 F-NT2RP4000817//Homo sapiens mRNA for KIAA0470 protein, complete cds//4.8e-176:816:
98//Hs.25132:AB007939

50 F-NT2RP4000833//Homo sapiens PAC clone DJ0905J08 from 7p12-p14//1.3e-93:438:
99//Hs.8173:AC005189

F-NT2RP4000837//Homo sapiens SALL1 gene, partial//5.9e-05:470:59//Hs.123094:X98833

55 F-NT2RP4000839//ESTs//5.7e-11:133:82//Hs.103852:W27603

F-NT2RP4000855//Homo sapiens DNA-binding protein (CROC-1B) mRNA, complete

EP 1 074 617 A2

cds//1.4e-37:680:63//Hs.75875:U49278

5 F-NT2RP4000865//Zinc finger protein 136 (clone pHZ-20)//2.0e-96:415:78//Hs.69740:U09367

F-NT2RP4000878//ESTs//2.7e-16:390:63//Hs.163451:AI206803

10 F-NT2RP4000879//ESTs//0.89:184:64//Hs.122333:AA782843

F-NT2RP4000907//Homo sapiens BAC clone RG118D07 from 7q31//4.5e-52:933:61//Hs.3781:AC004142

15 F-NT2RP4000915//Homo sapiens mRNA for ZNF198 protein//3.0e-80:584:78//Hs.109526:AJ224901

20 F-NT2RP4000918

F-NT2RP4000925//Homo sapiens KIAA0405 mRNA, complete cds//1.9e-47:861:61//Hs.48998:AB007865

25 F-NT2RP4000927//ESTs//0.37:159:63//Hs.147949:AI341503

F-NT2RP4000928//Homo sapiens CDP-diacylglycerol synthase 2 (CDS2) mRNA, partial cds//1.1e-164:781:97//Hs.24812:AF069532

30 F-NT2RP4000929//ESTs//0.88:284:60//Hs.141317:AI281371

35 F-NT2RP4000955//Human mRNA for cadherin-15, complete cds//0.0019:495:58//Hs.148090:D83542

40 F-NT2RP4000973//Homo sapiens mRNA for MSJ-1, complete cds//1.2e-05:318:60//Hs.3845:AB014888

F-NT2RP4000975//ESTs//0.0051:345:61//Hs.143304:AI084058

45 F-NT2RP4000979

F-NT2RP4000984

50 F-NT2RP4000989//Homo sapiens Tax interaction protein 1 mRNA, partial cds//0.85:257:63//Hs.12956:U90913

55 F-NT2RP4000996//ESTs//4.3e-10:329:62//Hs.33085:AA258068

F-NT2RP4000997//Human plectin (PLEC1) mRNA, complete cds//1.0:218:58//Hs.79706:U53204

EP 1 074 617 A2

F-NT2RP4001004

5 F-NT2RP4001006//ESTs, Moderately similar to ROSA26AS [M.musculus]//7.4e-90:425:99//Hs.126082:AI077718

10 F-NT2RP4001010//Homo sapiens PSD-95/SAP90-associated protein-2 mRNA, partial cds//2.8e-19:689:61//Hs.113287:AF009204

15 F-NT2RP4001029//Human transcription factor LSF mRNA, complete cds//9.6e-84:778:74//Hs.154970:U03494

F-NT2RP4001041//Human endosome-associated protein (EEA1) mRNA, complete cds//0.95:170:64//Hs.2864:L40157

20 F-NT2RP4001057//EST//9.6e-05:122:72//Hs.132518:AA928157

F-NT2RP4001064//Homo sapiens mRNA for cartilage-associated protein (CASP)//7.2e-13:441:63//Hs.155481:AJ006470

25 F-NT2RP4001078//ESTs//1.3e-29:165:95//Hs.113817:AA702497

30 F-NT2RP4001079//Homo sapiens mRNA for putative Ca²⁺-transporting ATPase, partial//1.4e-131:634:98//Hs.106778:AJ010953

35 F-NT2RP4001080//Polypyrimidine tract binding protein (hnRNP I) {alternative products}//0.025:166:66//Hs.146459:X66975

F-NT2RP4001086//Homo sapiens mRNA for KIAA0592 protein, partial cds//1.5e-85:604:86//Hs.13273:AB011164

40 F-NT2RP4001095

45 F-NT2RP4001100//ESTs, Weakly similar to C17G10.1 [C.elegans]//1.4e-93:448:98//Hs.105837:AA536054

F-NT2RP4001117//ESTs, Highly similar to PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT [Canis familiaris]//2.2e-26:171:92//Hs.14038:R06800

50 F-NT2RP4001122//Human mRNA for histone H1x, complete cds//0.99:185:66//Hs.109804:D64142

55 F-NT2RP4001126//ESTs, Moderately similar to The KIAA0138 gene product is novel. [H.sapiens]//5.8e-37:185:100//Hs.126925:AA931237

EP 1 074 617 A2

F-NT2RP4001138//ESTs//3.4e-09:125:77//Hs.1433 82:AA476266

F-NT2RP4001143//ESTs//1.0:282:57//Hs.157423:AI358261

5 F-NT2RP4001148//ESTs//0.82:206:62//Hs.129259:AA992207

F-NT2RP4001149//EST//1.3e-17:140:88//Hs.101727:H16171

10 F-NT2RP4001150//AXONIN-1 PRECURSOR//7.7e-07:562:59//Hs.2998:X67734

F-NT2RP4001159//EST//0.26:125:66//Hs.152092:AA377324

15 F-NT2RP4001174//ESTs//2.9e-103:502:98//Hs.125886:AA884264

F-NT2RP4001206//EST//0.33:125:66//Hs.152092:AA377324

20 F-NT2RP4001207

F-NT2RP4001210//ESTs//3.1e-95:460:97//Hs.46913:AI017636

25 F-NT2RP4001213//KRAB zinc finger protein {alternative products}//1.1e-45:187:74//Hs.22556:U37251

F-NT2RP4001219//ESTs//1.4e-69:352:96//Hs.116392:AA936262

30 F-NT2RP4001228//Homo sapiens actin binding protein MAYVEN mRNA, complete cds//7.2e-28:855:60//Hs.122967:AF059569

35 F-NT2RP4001235//Homo sapiens Jagged 2 mRNA, complete cds//1.0:257:59//Hs.106387:AF029778

40 F-NT2RP4001256//Human mRNA for KIAA0273 gene, complete cds//0.96:247:62//Hs.75899:D87463

F-NT2RP4001260//Syntrophin, alpha (dystrophin-associated protein A1, 59kD, acidic component)//0.015:246:62//Hs.31121:U40571

45 F-NT2RP4001274//Homo sapiens clone 24674 mRNA sequence//1.2e-06:259:64//Hs.71168:AF070578

50 F-NT2RP4001276//Homo sapiens CAGF9 mRNA, partial cds//7.6e-06:266:62//Hs.110826:U80736

55 F-NT2RP4001313//Homo sapiens mitochondrial outer membrane protein (TOM40) mRNA, nuclear gene encoding mitochondrial protein, complete cds//2.3e-31:535:65//Hs.30928:AF043250

EP 1 074 617 A2

F-NT2RP4001315//EST//9.5e-20:146:88//Hs.158755:AI375917

5 F-NT2RP4001336//ESTs//1.0:128:67//Hs.99598:AA603110

F-NT2RP4001339

10 F-NT2RP4001343

F-NT2RP4001345//Lecithin-cholesterol acyltransferase//8.0e-39;686:64//Hs.112125:M12625

15 F-NT2RP4001351//Human ovarian cancer downregulated myosin heavy chain homolog (Doc1) mRNA, complete cds//2.0e-31:784:62//Hs.15432:U53445

F-NT2RP4001353//Homo sapiens chromosome 7q22 sequence//0.0034:497:57//Hs.125742:AF053356

20 F-NT2RP4001372

25 F-NT2RP4001373//Homo sapiens clone Dt1P1b11 mRNA, CAG repeat region//0.43:290:58//Hs.82101:Z50194

F-NT2RP4001375

30 F-NT2RP4001379//TRICHOHYALIN//8.2e-05:591:58//Hs.82276:L09190

F-NT2RP4001389//EST//5.3e-27:212:84//Hs.160402:AI393918

35 F-NT2RP4001407//Homo sapiens mRNA for RGS5, complete cds//0.93:218:58//Hs.24950:AB008109

40 F-NT2RP4001414//Human mRNA for KIAA0202 gene, partial cds//6.3e-78:818:71//Hs.80712:D86957

F-NT2RP4001433//Zinc finger protein 10 (KOX 1)//1.1e-88:839:73//Hs.2479:X78933

45 F-NT2RP4001442

F-NT2RP4001447//Homo sapiens mRNA for KIAA0783 protein, complete cds//0.0075:218:63//Hs.41153:AB018326

50 F-NT2RP4001474//ESTs, Weakly similar to probable CBP3 protein homolog [C.elegans]//2.1e-90:460:96//Hs.26676:AA033997

55 F-NT2RP4001483//Oxoglutarate dehydrogenase (lipoamide)//8.1e-61:480:75//Hs.75533:D10523

EP 1 074 617 A2

- 5 F-NT2RP4001498//ESTs, Weakly similar to GA BINDING PROTEIN BETA-2 CHAIN
[H.sapiens]//0.25:216:60//Hs.63220:AA522707
- F-NT2RP4001502//ESTs//2.6e-41:206:99//Hs.159257:N40395
- 10 F-NT2RP4001507//H.sapiens mRNA for RanGTPase activating protein 1//0.51:281:
61//Hs.5923:X82260
- F-NT2RP4001524//ESTs, Weakly similar to F13B12.1 [C.elegans]//9.4e-30:173:94//Hs.5570:
15 AI377863
- F-NT2RP4001529//Human transcription factor LSF mRNA, complete cds//1.3e-35:329:
76//Hs.154970:U03494
- 20 F-NT2RP4001547//Homo sapiens forkhead protein FREAC-2 mRNA, complete cds//0.0015:
221:65//Hs.44481:U13220
- F-NT2RP4001551//Human BRCA2 region, mRNA sequence CG003//0.56:428:59//Hs.30649:
25 U50534
- F-NT2RP4001555//EST//0.99:225:64//Hs.96863:AA347174
- 30 F-NT2RP4001567
- F-NT2RP4001568//ESTs, Weakly similar to HYPOTHETICAL 32.6 KD PROTEIN IN MET30-
CBR5 INTERGENIC REGION [Saccharomyces cerevisiae]//1.1e-54:252:83//Hs.158208:
35 AA167836
- F-NT2RP4001571//ESTs//3.0e-94:475:96//Hs.65322:AA019410
- 40 F-NT2RP4001574
- F-NT2RP4001575//Homo sapiens mRNA for ARE1-like protein//1.8e-169:796:98//Hs.108826:
45 AL031228
- F-NT2RP4001592
- F-NT2RP4001610//Human involucrin mRNA//0.94:462:59//Hs.157091:M13903
- 50 F-NT2RP4001614//ESTs//0.71:331:58//Hs.116533:AI343952
- F-NT2RP4001634
- 55 F-NT2RP4001638//ESTs, Weakly similar to HYPOTHETICAL 117.9 KD PROTEIN IN FKH1-
STH1 INTERGENIC REGION [S.cerevisiae]//8.6e-57:287:97//Hs.117439:C18436

EP 1 074 617 A2

- 5 F-NT2RP4001644//Human mRNA for MNK1, complete cds//1.7e-53:415:80//Hs.5591:AB000409
- 10 F-NT2RP4001656//ESTs, Highly similar to PHENYLALANYL-TRNA SYNTHETASE MITOCHONDRIAL PRECURSOR [Saccharomyces cerevisiae]//1.0:311:59//Hs.57969:AA203629
- 15 F-NT2RP4001677//Homo sapiens short form transcription factor C-MAF (c-maf) mRNA, complete cds//0.19:162:67//Hs.30250:AF055376
- 20 F-NT2RP4001679//Homo sapiens PYRIN (MEFV) mRNA, complete cds//2.2e-50:332:86//Hs.113283:AF018080
- 25 F-NT2RP4001696
- 30 F-NT2RP4001725//Galactokinase 1//1.0:202:63//Hs.92357:L76927
- 35 F-NT2RP4001730//Human growth/differentiation factor 1 (GDF-1) mRNA, complete cds//0.0035:247:62//Hs.92614:M62302
- 40 F-NT2RP4001739//Complement component 8, gamma polypeptide//0.74:654:56//Hs.1285:U08198
- 45 F-NT2RP4001753//Zinc finger protein 84 (HPF2)//4.5e-29:476:67//Hs.9450:M27878
- 50 F-NT2RP4001760//ESTs//1.0:411:60//Hs.108548:AA081656
- 55 F-NT2RP4001790//Homo sapiens PAC clone DJ0604G05 from 7q22-q31.1//9.1e-34:400:68//Hs.154212:AC004522
- F-NT2RP4001803//Human high conductance inward rectifier potassium channel alpha subunit mRNA, complete cds//0.028:580:58//Hs.2363:L36069
- F-NT2RP4001822//ESTs//3.4e-50:307:90//Hs.113509:AA132131
- F-NT2RP4001823//Human faciogenital dysplasia (FGD1) mRNA, complete cds//3.1e-07:509:59//Hs.1572:U11690
- F-NT2RP4001828
- F-NT2RP4001838//Human mRNA for KIAA0071 gene, partial cds//6.9e-55:555:73//Hs.78398:D31888
- F-NT2RP4001841//ESTs//0.99:215:60//Hs.136895:AA897749

EP 1 074 617 A2

F-NT2RP4001849//Homo sapiens mRNA for KIAA0672 protein, complete cds//5.6e-57:813:65//Hs.6336:AB014572

5 F-NT2RP4001861//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!!
[H.sapiens]//4.8e-12:84:94//Hs.140232:AA705170

F-NT2RP4001889

10

F-NT2RP4001893//Homo sapiens BAC clone GS166A23 from 7p21//4.4e-108:535:97//Hs.15144:AC005014

15 F-NT2RP4001896

F-NT2RP4001901//ESTs//1.4e-50:291:93//Hs.67991:AA147848

20 F-NT2RP4001927

F-NT2RP4001938//ESTs, Weakly similar to ZINC FINGER PROTEIN 91 [H.sapiens]//2.8e-54:375:84//Hs.119294:AI379442

25

F-NT2RP4001946//EST//0.050:268:60//Hs.148341:AA921894

F-NT2RP4001950//EST//7.9e-14:336:63//Hs.112810:AA610063

30

F-NT2RP4001953//ESTs//0.018:206:65//Hs.130105:AA904868

35 F-NT2RP4001966//Human DNA sequence from clone 1052M9 on chromosome Xq25.
Contains the SH2D1A gene for SH2 domain protein 1A, Duncan's disease
(lymphoproliferative syndrome) (DSHP), part of a 60S Acidic Ribosomal protein 1 (RPLP1)
LIKE gene and part of a mouse DOC4 LIKE gene. Contains ESTs and GSSs//1.7e-54:788:65//Hs.23796:AL022718 F-NT2RP4001975//Homo sapiens homeobox protein Six3 (SIX3)
40 gene, complete cds//0.0019:279:65//Hs.159439:AF092047

F-NT2RP4002018//ESTs, Highly similar to RING CANAL PROTEIN [Drosophila melanogaster]//0.58:463:55//Hs.3826:U69560

45

F-NT2RP4002047//EST//2.5e-13:102:90//Hs.148997:AI243139

F-NT2RP4002052

50

F-NT2RP4002058//ESTs//5.2e-41:347:72//Hs.121961:AA777873

55 F-NT2RP4002071//Homo sapiens TTAGGG repeat binding factor 2 (hTRF2) mRNA, complete
cds//0.97:227:60//Hs.100030:AF002999

F-NT2RP4002075

EP 1 074 617 A2

- 5 F-NT2RP4002078//ESTs, Moderately similar to zinc finger protein [H.sapiens]//1.0e-38:243:90//Hs.139115:AA325104
- F-NT2RP4002081//TATA box binding protein//0.0059:310:60//Hs.1100:M55654
- 10 F-NT2RP4002083//H.sapiens Pur (pur-alpha) mRNA, complete cds//0.0015:152:70//Hs.25180:M96684
- F-NT2RP4002408//Human protein kinase C-L (PRKCL) mRNA, complete cds//8.0e-10:401:59//Hs.89616:M55284
- 15 F-NT2RP4002791//Ataxin 1//1.0:215:61//Hs.74520:X79204
- F-NT2RP4002888
- 20 F-NT2RP4002905//ESTs//3.4e-50:280:94//Hs.131697:H14960
- F-NT2RP5003459//Glyceraldehyde-3-phosphate dehydrogenase//1.3e-35:193:96//Hs.74456:U34995
- 25 F-NT2RP5003461//ESTs//3.6e-104:513:98//Hs.88088:AA521071
- 30 F-NT2RP5003477//Eukaryotic translation initiation factor 3 (eIF-3) p36 subunit//0.18:271:60//Hs.139745:U39067
- F-NT2RP5003492
- 35 F-NT2RP5003500//Homo sapiens mRNA for heparan-sulfate 6-sulfotransferase, complete cds//6.1e-56:750:69//Hs.132884:AB006179
- 40 F-NT2RP5003506//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-69G12//5.1e-14:348:62//Hs.154050:AC004131
- F-NT2RP5003512//Homo sapiens mRNA for KIAA0642 protein, partial cds//0.94:202:63//Hs.8152:AB014542
- 45 F-NT2RP5003522
- 50 F-NT2RP5003524//ESTs//8.7e-08:340:62//Hs.152730:AI308943
- F-NT2RP5003534
- 55 F-OVARC1000001//Homo sapiens mRNA for KIAA0465 protein, partial cds//4.0e-69:373:94//Hs.108258:AB007934

EP 1 074 617 A2

F-OVARC1000004//ESTs//6.0e-38:216:93//Hs.163801:AI391729

5 F-OVARC1000006//ESTs, Highly similar to HISTONE H2A [Cairina moschata]//4.4e-75:355:99//Hs.36727:AI051983

F-OVARC1000013//ESTs//0.65:331:58//Hs.146326:AA534304

10 F-OVARC1000014//Homo sapiens GLE1 (GLE1) mRNA, complete cds//1.8e-171:815:98//Hs.81449:AF058922

15 F-OVARC1000017//Homo sapiens mRNA for NTAk, complete cds//0.50:482:58//Hs.113264:AB005060

F-OVARC1000035//Homo sapiens GA17 protein mRNA, complete cds//2.2e-37:238:89//Hs.69469:AF064603

20

F-OVARC1000058//ESTs//1.1e-23:132:97//Hs.61809:AA503549

25 F-OVARC1000060//ESTs, Highly similar to ribonuclease 6 precursor [H.sapiens]//6.7e-60:305:97//Hs.31696:H50008

F-OVARC1000068//ESTs//3.8e-10:69:100//Hs.89048:AA282798

30 F-OVARC1000071//ESTs//1.9e-36:202:95//Hs.125013:AA400543

F-OVARC1000085

35 F-OVARC1000087//EST//1.0:199:58//Hs.122919:AA768442

F-OVARC1000091//Homo sapiens Jagged 2 mRNA, complete . cds//0.00017:414:59//Hs.106387:AF029778

40

F-OVARC1000092//ESTs//4.6e-06:410:60//Hs.152250:AA203600

45 F-OVARC1000106//ESTs, Weakly similar to C25A1.1 [C.elegans]//2.9e-73:406:92//Hs.109463:AI205174

F-OVARC1000109

50 F-OVARC1000113//Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA, complete cds//5.3e-135:663:96//Hs.3688:AF069250

55 F-OVARC1000114//Homo sapiens mRNA for KIAA0562 protein, complete cds//3.4e-43:532:72//Hs.118401:AB011134

F-OVARC1000133//ESTs//9.4e-50:249:98//Hs.159146:AI384010

EP 1 074 617 A2

F-OVARC1000139

5 F-OVARC1000145//ESTs//1.6e-09:87:90//Hs.25219:AA291293

F-OVARC1000148//ESTs//4.4e-28:146:100//Hs.133223:AA677414

10 F-OVARC1000151

F-OVARC1000168//ESTs//2.3e-48:264:95//Hs.14539:H67305

15 F-OVARC1000191//Thrombopoietin (myeloproliferative leukemia virus oncogene ligand, megakaryocyte growth and development factor)//0.10:504:59//Hs.154083:U70136

F-OVARC1000198//ESTs//1.3e-103:505:97//Hs.149341:AI249131

20 F-OVARC1000209//EST//1.0:73:72//Hs.162600:AA594840

F-OVARC1000212//ESTs//1.7e-17:121:91//Hs.50473:W68834

25 F-OVARC1000240//ESTs, Highly similar to THREONYL-TRNA SYNTHETASE, CYTOPLASMIC [Homo sapiens]//2.7e-31:264:79//Hs.151895:AA196379

30 F-OVARC1000241//Homo sapiens clone 23698 mRNA sequence//3.4e-35:466:68//Hs.8136:U81984

F-OVARC1000288//ESTs, Weakly similar to Y53C12A.3 [C.elegans]//0.00084:170:65//Hs.107747:AI357868

35 F-OVARC1000302//EST//4.1e-05:249:60//Hs.136432:AA555306

40 F-OVARC1000304//ESTs//1.0:252:64//Hs.12126:AA203287

F-OVARC1000309//ESTs, Highly similar to BRAIN ENRICHED HYALURONAN BINDING PROTEIN PRECURSOR [Felis catus]//0.51:193:66//Hs.6194:AI378579

45 F-OVARC1000321

F-OVARC1000326//Homo sapiens T-type calcium channel alpha-1 subunit mRNA, complete cds//0.0018:507:60//Hs.122359:AF051946

50 F-OVARC1000335//ESTs//9.3e-39:202:98//Hs.132849:AA779444

55 F-OVARC1000347

F-OVARC1000384//Homo sapiens (clone PEBP2aA1) core-binding factor, runt domain, alpha

EP 1 074 617 A2

subunit 1 (CBFA1) mRNA, 3' end of cds//3.4e-06:353:62//Hs.121895:AF001450

5 F-OVARC1000408//Human mRNA for KIAA0140 gene, complete cds//0.94:231:64//Hs.156016:D50930

F-OVARC1000411//EST//0.43:234:59//Hs.124673:AA858162

10 F-OVARC1000414//EST//5.2e-05:105:72//Hs.98827:AA435682

F-OVARC1000420//Human mRNA for KIAA0140 gene, complete cds//0.86:231:58//Hs.156016:D50930

15 F-OVARC1000427//ESTs, Moderately similar to ORF1 [H.sapiens]//1.7e-25:190:84//Hs.139513:AA259082

20 F-OVARC1000431//ESTs//0.041:356:57//Hs.139907:AA621615

F-OVARC1000437//Filamin 1 (actin-binding protein-280)//0.93 :281:60//Hs.76279:X53416

25 F-OVARC1000440//Human PINCH protein mRNA, complete cds//8.8e-21:116:99//Hs.83987:U09284

30 F-OVARC1000442//ESTs//2.0e-19:207:78//Hs.134071:AI377423

F-OVARC1000443//Homo sapiens mRNA for KIAA0683 protein, complete cds//3.2e-140:566:99//Hs.12334:AB014583

35 F-OVARC1000461//ESTs//1.0e-39:215:95//Hs.131532:AI024524

F-OVARC1000465//Homo sapiens clone 24781 mRNA sequence//1.0:252:58//Hs.108112:AF070640

40 F-OVARC1000466//ESTs//3.6e-14:189:71//Hs.164041:R51854

45 F-OVARC1000473//ESTs//0.00012:77:85//Hs.29173:AA134926

F-OVARC1000479

50 F-OVARC1000486//ESTs//4.2e-07:409:60//Hs.99280:AA453036

F-OVARC1000496//ESTs//6.0e-14:240:69//Hs.131900:AI023327

55 F-OVARC1000520//Homo sapiens supervillin mRNA, complete cds//6.9e-115:539:99//Hs.111285:AF051850

F-OVARC1000526//ESTs//2.9e-08:368:611//Hs.42771:N26740

EP 1 074 617 A2

F-OVARC1000533//EST//3.4e-14:137:82//Hs.123405:AA813492

5 F-OVARC1000543//ESTs//0.13:278:61//Hs.54894:N98475

F-OVARC1000556//ESTs//1.4e-31:217:90//Hs.106385:W26667

10 F-OVARC1000557//ESTs//3.8e-20:208:76//Hs.138919:AA827410

F-OVARC1000564//Human dsRNA adenosine deaminase DRADA2b (DRADA2b) mRNA, complete cds//0.87:135:66//Hs.85302:U76421

15 F-OVARC1000573//ESTs//2.1e-22:268:76//Hs.121852:AA776358

F-OVARC1000576//ESTs//9.4e-22:124:98//Hs.24220:W22200

20 F-OVARC1000578//EST//4.7e-31:335:74//Hs.162881:AA652729

F-OVARC1000588//Human BMK1 alpha kinase mRNA, complete cds//0.67:263:63//Hs.3080:U29725

25 F-OVARC1000605//EST//1.0:148:62//Hs.163346:AA883722

30 F-OVARC1000622//EST//4.3e-50:313:88//Hs.149580:AI281881

F-OVARC1000640//ESTs//2.6e-55:441:80//Hs.105319:AA470097

35 F-OVARC1000649//Human squamous cell carcinoma of esophagus mRNA for GRB-7 SH2 domain protein, complete cds//1.6e-78:424:93//Hs.86859:D43772

F-OVARC1000661//Homo sapiens mRNA for KIAA0590 protein, complete cds//1.6e-100:536:94//Hs.111862:AB011162

40 F-OVARC1000678//EST//1.3e-08:131:77//Hs.145970:AI277106

45 F-OVARC1000679//ESTs//0.66:223:61//Hs.134782:H74279

F-OVARC1000681//EST//0.017:315:61//Hs.147799:AI221639

50 F-OVARC1000682//Homo sapiens alpha 1,2-mannosidase IB mRNA, complete cds//4.8e-153:549:99//Hs.125315:AF027156

55 F-OVARC1000689//Homo sapiens clone 24640 mRNA sequence//0.030:479:57//Hs.4764:AB018306

F-OVARC 1000700

EP 1 074 617 A2

- F-OVARC1000703//ESTs//0.41:100:68//Hs.160699:AI284320
- 5 F-OVARC1000722//Homo sapiens chromosome 1q21-1q23 beta-1,4-galactosyltransferase mRNA, complete cds//1.2e-110:451:91//Hs.13476:AF038661
- 10 F-OVARC1000730//ESTs, Weakly similar to C27F2.7 gene product [C.elegans]//2.9e-53:318:91//Hs.7049:AI141736
- F-OVARC1000746//ESTs//3.2e-123:570:99//Hs.127295:AA918411
- 15 F-OVARC1000769//ESTs//0.072:177:67//Hs.142573:AA601196
- F-OVARC1000771//ESTs, Moderately similar to RAS-RELATED PROTEIN RAB-2 [H.sapiens]//1.2e-38:194:99//Hs.157059:W28130
- 20 F-OVARC1000781//ESTs//4.0e-14:113:89//Hs.41972:AA626793
- F-OVARC1000787//EST//0.92:91:64//Hs.163258:AA828835
- 25 F-OVARC1000800//ESTs//1.6e-44:193:81//Hs.163971:N27584
- F-OVARC1000802//ESTs//4.6e-43:395:80//Hs.115401:AA400032
- 30 F-OVARC1000834//ESTs//1.9e-91:431:99//Hs.154450:AA069390
- F-OVARC1000846//Homo sapiens mRNA for KIAA0643 protein, partial cds//1.9e-151:432:100//Hs.155995:AB014543
- 35 F-OVARC1000850//Homo sapiens PB39 mRNA, complete cds//3.3e-137:632:99//Hs.18910:AF045584
- 40 F-OVARC1000862//ESTs, Highly similar to gene Fif protein [M.musculus]//6.1e-31:183:93//Hs.108620:AA418155
- 45 F-OVARC1000876//Human DNA binding protein FKHL15 (FKHL15) mRNA, complete cds//0.54:133:69//Hs.159234:U89995
- 50 F-OVARC1000883//ESTs//0.44:154:63//Hs.98183:AA417143
- F-OVARC1000885//EST//0.91:152:63//Hs.160765 :AI313323
- 55 F-OVARC1000886//ESTs//4.6e-08:375:61//Hs.131653:AI025777
- F-OVARC 1000890

EP 1 074 617 A2

F-OVARC1000891

F-OVARC1000897//ESTs//1.1e-07:145:69//Hs.119878:AA706818

5 F-OVARC1000912//EST//3.6e-08:376:61//Hs.158782:AI376601

10 F-OVARC1000915//Homo sapiens mRNA for KIAA0600 protein, partial cds//2.3e-85:419:97//Hs.9028:AF039691

F-OVARC1000924//ESTs//3.6e-113:540:98//Hs.66058:AA424456

15 F-OVARC1000936//Human endogenous retrovirus envelope region mRNA (PL1)//4.3e-64:623:72//Hs.114440:M11119

F-OVARC1000937//EST//2.4e-39:170:96//Hs.129138:AA988078

20 F-OVARC1000945//ESTs, Weakly similar to protein tyrosine phosphatase [H.sapiens]//2.4e-29:157:97//Hs.136243:AA307843

25 F-OVARC 1000948

F-OVARC1000959//EST//0.65:293:55//Hs.134725:AI088986

30 F-OVARC1000960//Ley I-L//1.4e-41:425:72//Hs.37062:AC005952

F-OVARC1000964//ESTs//1.4e-95:486:96//Hs.57079:D45288

35 F-OVARC1000971//ESTs//0.19:198:62//Hs.153429:AI283069

F-OVARC1000984//Breakpoint cluster region protein BCR//0.26:365:56//Hs.2557:Y00661

40 F-OVARC1000996//Human p300/CBP-associated factor (P/CAF) mRNA, complete cds//6.8e-10:312:65//Hs.155302:U5 7317

45 F-OVARC1000999//Homo sapiens mRNA for chemokine LEC precursor, complete cds//0.0056:209:62//Hs.10458:AF088219

F-OVARC1001000//EST//4.2e-24:242:77//Hs.128952:AA984114

50 F-OVARC1001004

F-OVARC1001010

55 F-OVARC1001011//ESTs, Moderately similar to Tera [M.musculus]//3.8e-47:234:99//Hs.110327:AA205866

EP 1 074 617 A2

F-OVARC1001032//HUMAN IMMUNODEFICIENCY VIRUS TYPE I ENHANCER-BINDING PROTEIN 2//0.0076:624:57//Hs.75063:AL023584

5 F-OVARC1001034//ESTs, Highly similar to mitogen-induced [M.musculus]//3.9e-97:578:89//Hs.111974:AI050735

10 F-OVARC1001038//Homo sapiens TRIAD1 type I mRNA, complete cds//8.6e-152:733:97//Hs.9899:AF099149

F-OVARC 1001040//ESTs//2.2e-38:204:96//Hs.128927:AI168074

15 F-OVARC1001044//EST//0.036:304:61//Hs.137342:AA017385

F-OVARC1001051

20 F-OVARC1001055//Human pre-B cell enhancing factor (PBEF) mRNA, complete cds//1.1e-46:381:81//Hs.154968:U02020

25 F-OVARC1001062//ESTs//0.020:265:60//Hs.146226:AI312873

F-OVARC1001065//ESTs, Weakly similar to C50F4.12 [C.elegans]//1.4e-21:183:84//Hs.46680:AA809451

30 F-OVARC1001068//Homo sapiens Era GTPase A protein (HERA-A) mRNA, partial cds//6.6e-132:620:98//Hs.3426:AF082657

35 F-OVARC1001072//ESTs//1.1e-24:289:74//Hs.139614:AA709013

F-OVARC1001074//ESTs//0.059:198:63//Hs.59974:AA001937

40 F-OVARC1001085//H.sapiens mRNA for sortilin//0.99:142:67//Hs.104247:X98248

F-OVARC1001092//Homo sapiens mRNA for JM5 protein, complete CDS (clone IMAGE 53337, LLNLc110F1857Q7 (RZPD Berlin) and LLNLc110G0913Q7 (RZPD Berlin))//1.3e-75:289:95//Hs.21753:AJ005897

45 F-OVARC1001107//Homo sapiens SKB1Hs mRNA, complete cds//1.2e-73:351:86//Hs.12912:AF015913

50 F-OVARC1001113//Homo sapiens diaphanous 1 (HDIA1) mRNA, complete cds//2.1e-151:710:98//Hs.26584:AF051782

55 F-OVARC1001117//ESTs//3.8e-73:347:99//Hs.116029:AA813102

F-OVARC1001118

EP 1 074 617 A2

F-OVARC1001129
 F-OVARC1001154//Granulin//2.4e-94:686:83//Hs.75451:AF055008
 5 F-OVARC1001161//ESTs//2.2e-40:208:97//Hs.113006:AA621725
 F-OVARC1001162
 10 F-OVARC1001167
 F-OVARC1001169//ESTs//0.81:158:63//Hs.48527:AI078279
 15 F-OVARC1001170//ESTs//9.0e-87:412:99//Hs.116550:AA813287
 F-OVARC1001171//ESTs//4.9e-26:167:79//Hs.139158:AA226159
 20 F-OVARC1001173//ESTs, Moderately similar to GLUTAMATE DEHYDROGENASE 1
 PRECURSOR [Homo sapiens]//1.8e-11:192:69//Hs.130020:AA887581
 25 F-OVARC1001176//Homo sapiens chromosome 19, cosmid R26529//0.61:387:
 58//Hs.91103:AC005551
 F-OVARC1001180//ESTs, Weakly similar to ubiquitin S6(1) [D.melanogaster]//1.5e-13:199:
 30 71//Hs.109966:C06057
 F-OVARC1001188//ESTs, Weakly similar to HYPOTHETICAL 27.8 KD PROTEIN IN VMA7-
 RPS31A INTERGENIC REGION [S.cerevisiae]//1.4e-52:324:90//Hs.114673:W72675
 35 F-OVARC1001200//ESTs//3.9e-16:104:94//Hs.125520:AA883889
 F-OVARC1001232//Cyclin A//0.95:124:67//Hs.85137:X51688
 40 F-OVARC1001240//EST//0.017:351:60//Hs.120655:AA745676
 F-OVARC1001243//ESTs//0.78:291:59//Hs.132458:AI424825
 45 F-OVARC1001244//RING3 PROTEIN//2.8e-19:118:95//Hs.75243:D42040
 F-OVARC1001261//EST//1.9e-42:225:96//Hs.158854:AI377837
 50 F-OVARC1001268//ESTs//0.66:239:61//Hs.132525:AA576821
 F-OVARC1001270//ESTs//0.99:204:60//Hs.144647:AA625224
 55 F-OVARC1001271//Homo sapiens mRNA for KIAA0643 protein, partial cds//6.8e-144:644:
 96//Hs.155995:AB014543

EP 1 074 617 A2

F-OVARC1001282//ESTs, Weakly similar to Ydr438wp [S.cerevisiae]//0.11:355:60//Hs.108812:AA044835
 5 F-OVARC1001296//ESTs//1.1e-46:237:98//Hs.33746:N78172
 F-OVARC1001306//Homo sapiens nuclear receptor co-repressor N-CoR mRNA, complete
 10 cds//0.20:188:64//Hs.152455:AF044209
 F-OVARC1001329//ESTs//1.4e-97:486:97//Hs.125886:AA884264
 15 F-OVARC1001330
 F-OVARC1001339//Solute carrier family 4, anion exchanger, member 2 (erythrocyte membrane protein band 3-like 1)//0.021:232:62//Hs.79410:U62531
 20 F-OVARC1001341//ESTs, Weakly similar to C17G10.1 [C.elegans]//2.5e-76:363:99//Hs.105837:AA536054
 25 F-OVARC1001342//EST//0.98:97:65//Hs.148210:AA897493
 F-OVARC1001344//EST//5.3e-10:241:64//Hs.138777:N67251
 30 F-OVARC1001357//Homo sapiens jerky gene product homolog mRNA, complete cds//0.64:198:61//Hs.105940:AF004715
 F-OVARC1001360//ESTs//4.9e-87:429:97//Hs.130145:AI264633
 35 F-OVARC1001369//ESTs//6.3e-07:371:62//Hs.131653:AI025777
 F-OVARC1001372//Homo sapiens mRNA for KIAA0654 protein, partial cds//1.4e-69:533:74//Hs.109299:AB014554
 40 F-OVARC1001376//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete cds//2.5e-49:365:73//Hs.129735:AF010144
 45 F-OVARC1001381//Homo sapiens mRNA for candidate tumor suppressor involved in B-CLL//4.1e-149:683:99//Hs.151428:AJ224819
 50 F-OVARC1001391//Homo sapiens methyl-CpG binding protein MBD2 (MBD2) mRNA, complete cds//0.097:235:65//Hs.25674:AF072242
 55 F-OVARC1001399//ESTs//1.1e-35:264:83//Hs.59379:W28225
 F-OVARC1001417//Homo sapiens EXLM1 mRNA, complete cds//1.3e-150:707:98//Hs.21586:AB006651

EP 1 074 617 A2

- F-OVARC1001419//Homo sapiens GOK (STIM1) mRNA, complete cds//1.6e-49:586:69//Hs.74597:U52426
- 5 F-OVARC1001425//ESTs//2.4e-11:258:67//Hs.119197:T83651
- F-OVARC1001436
- 10 F-OVARC1001442
- F-OVARC1001453
- 15 F-OVARC1001476//ESTs, Weakly similar to HYPOTHETICAL 38.6 KD PROTEIN IN TIF4631-KRE11 INTERGENIC REGION [S.cerevisiae]//1.9e-125:581:99//Hs.110950:AI041823
- 20 F-OVARC1001480//ESTs//0.95:125:72//Hs.152584:AA584568
- F-OVARC1001489//EST//4.9e-72:341:100//Hs.148191:AA897343
- 25 F-OVARC1001496//Homo sapiens C-terminal binding protein 2 mRNA, complete cds//2.6e-86:479:92//Hs.6534:AF016507
- F-OVARC1001506//Polycystic kidney disease 1 (autosomal dominant)//1.1e-97:538:92//Hs.75813:L33243
- 30 F-OVARC1001525
- 35 F-OVARC1001542//Envoplakin//0.34:258:60//Hs.25482:U53786
- F-OVARC1001547//EST//0.0046:237:62//Hs.54638:N90595
- 40 F-OVARC1001555
- F-OVARC1001577//Homo sapiens SRp46 splicing factor retropseudogene mRNA//6.8e-57:275:98//Hs.155160:AF031166
- 45 F-OVARC1001600//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//0.0035:271:60//Hs.108465:AI144299
- 50 F-OVARC1001610//ESTs, Weakly similar to F22E10.5 [C.elegans]//1.4e-43:216:99//Hs.120002:AI038398
- F-OVARC1001611
- 55 F-OVARC1001615//EST//0.99:135:68//Hs.129410:AA993500

EP 1 074 617 A2

F-OVARC1001668//Homo sapiens mRNA for KIAA0572 protein, partial cds//3.3e-37:217:94//Hs.14409:AB011144

5 F-OVARC1001702//Homo sapiens mRNA for hSOX20 protein, complete cds//5.9e-49:393:81//Hs.95582:AB006867

10 F-OVARC1001703//EST//1.7e-24:172:88//Hs.121198:AA757229

F-OVARC1001711//Fms-related tyrosine kinase 3 ligand//0.049:353:61//Hs.428:U03858

15 F-OVARC1001713//ESTs//8.9e-37:263:86//Hs.110298:AA621807

F-OVARC1001726//ESTs//2.0e-12:121:82//Hs.153332:AA236863

20 F-OVARC1001731//Tropomyosin beta chain (skeletal muscle)//1.7e-83:617:80//Hs.155652:X06825

F-OVARC1001745//EST//0.75:174:64//Hs.146778:AI148588

25 F-OVARC1001762

F-OVARC1001766//Homo sapiens eukaryotic translation initiation factor eIF3, p35 subunit mRNA, complete cds//1.4e-150:706:98//Hs.155377:U97670

30 F-OVARC1001767//Homo sapiens mRNA for KIAA0675 protein, complete cds//9.8e-117:580:96//Hs.15869:AB014575

35 F-OVARC 1001768//ESTs//0.035:179:64//Hs.87279:AI218697

F-OVARC1001791

40 F-OVARC1001795//ESTs//0.19:68:76//Hs.37699:AA062830

F-OVARC1001802//EST//3.7e-45:254:92//Hs.130620:AI005102

45 F-OVARC1001805//Homo sapiens mRNA for KIAA0744 protein, complete cds//0.77:362:58//Hs.116753:AB018287

50 F-OVARC1001809//Human N-type calcium channel alpha-1 subunit mRNA, complete cds//2.2e-07:435:62//Hs.69949:M94172

F-OVARC1001812//ESTs//3.0e-47:360:83//Hs.141756:AA700825

55 F-OVARC1001813//EST//1.8e-57:277:100//Hs.162414:AA573453

F-OVARC1001820//ESTs//1.4e-64:310:99//Hs.137398:AA164567

EP 1 074 617 A2

- F-OVARC1001828//EST//1.0e-09:184:66//Hs.130435:AA923537
- 5 F-OVARC1001846//ESTs//1.8e-80:410:97//Hs.114539:N54973
- F-OVARC1001861
- 10 F-OVARC1001873//Homo sapiens clones 24718 and 24825 mRNA sequence//3.9e-20:122:95//Hs.25300:AF070611
- F-OVARC1001879//Homo sapiens putative tumor suppressor gene 26 protein alpha 2 delta calcium channel subunit mRNA, complete cds//0.042:199:67//Hs.127436:AF040709
- 15 F-OVARC1001880//Interferon regulatory factor 5//1.1e-06:489:60//Hs.54434:U51127
- 20 F-OVARC1001883//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0484//9.5e-33:509:68//Hs.158095:AB007953
- F-OVARC1001900//Homo sapiens tumorous imaginal discs protein Tid56 homolog (TID1) mRNA, complete cds//2.6e-57:300:96//Hs.6216:AF061749
- 25 F-OVARC1001901//ESTs//2.3e-07:185:69//Hs.145630:AI263834
- 30 F-OVARC1001911//EST//0.88:101:66//Hs.162622:AA601261
- F-OVARC1001916//H.sapiens mRNA for prepronociceptin//1.0:540:58//Hs.89040:U48263
- 35 F-OVARC1001928
- F-OVARC1001942//Human plectin (PLEC1) mRNA, complete cds//0.038:290:62//Hs.79706:U53204
- 40 F-OVARC1001943//ESTs, Weakly similar to HYPOTHETICAL 62.2 KD PROTEIN ZK652.6 IN CHROMOSOME III [C.elegans]//2.3e-119:565:98//Hs.5392:AA313794
- 45 F-OVARC1001949//KRAB zinc finger protein {alternative products}//1.8e-17:294:67//Hs.22556:U37251
- F-OVARC1001950//ESTs//1.5e-15:300:65//Hs.138501:AI051228
- 50 F-OVARC1001987//ESTs//6.7e-34:202:92//Hs.115600:AA351639
- F-OVARC1001989//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//1.2e-23:213:78//Hs.105292:AA504776
- 55 F-OVARC1002044//EST//0.26:164:66//Hs.161094:N30417

EP 1 074 617 A2

F-OVARC1002050//Homo sapiens mRNA for KIAA0465 protein, partial cds//6.6e-160:739:
 98//Hs.108258:AB007934
 5
 F-OVARC1002066//ESTs//1.8e-103:482:99//Hs.124923:AI375865
 F-OVARC1002082//EST//2.5e-09:213:67//Hs.112810:AA610063
 10
 F-OVARC1002107
 F-OVARC1002112//Homo sapiens histone macroH2A1.2 mRNA, complete cds//2.7e-101:
 15 498:96//Hs.75258:AF054174
 F-OVARC1002127//ESTs//1.6e-76:397:96//Hs.33432:R83913
 20 F-OVARC1002138//Homo sapiens p60 katanin mRNA, complete cds//3.5e-20:399:
 62//Hs.112725:AF056022
 F-OVARC1002143//EST//4.2e-09:240:65//Hs.140547:AA812795
 25 F-OVARC1002156//EST//0.35:112:66//Hs.136761:AA738097
 F-OVARC1002158//ESTs, Weakly similar to Y53C12A.3 [C.elegans]//7.4e-07:329:
 30 58//Hs.107747:AI357868
 F-OVARC1002165//H.sapiens BDP1 mRNA for protein-tyrosine-phosphatase//0.00010:300:
 35 64//Hs.118929:X79568
 F-OVARC1002182//Homo sapiens ataxin-7 (SCA7) mRNA, complete cds//0.19:178:
 64//Hs.108447:AJ000517
 40 F-PLACE1000004//ESTs//0.79:332:59//Hs.120221:AA731230
 F-PLACE1000005//ESTs//1.8e-10:89:87//Hs.158913:AI378928
 45 F-PLACE1000007//Homo sapiens ubiquitin hydrolyzing enzyme I (UBH1) mRNA, partial
 cds//1.2e-52:550:72//Hs.42400:AF022789
 F-PLACE1000014
 50 F-PLACE1000031
 F-PLACE1000040//ESTs//3.1e-18:123:91//Hs.138387:AA873088
 55 F-PLACE1000048//ESTs//1.2e-43:387:78//Hs.61199:AA024494

EP 1 074 617 A2

F-PLACE1000050//ESTs//1.8e-84:421:96//Hs.128632:AI076755

F-PLACE1000061//Ribosomal protein L37a//5.5e-29:177:93//Hs.1946:L06499

5

F-PLACE1000066//ESTs, Weakly similar to coded for by C. elegans cDNA yk10c10.3 [C.elegans]//1.4e-47:266:93//Hs.30026:AI356771

10

F-PLACE1000078//ESTs, Weakly similar to !!!! ALU SUBFAMILY SB1 WARNING ENTRY !!!! [H.sapiens]//6.4e-15:203:70//Hs.157422:R85366

15

F-PLACE1000081//Human transporter protein (g17) mRNA, complete cds//0.30:324:60//Hs.76460:U49082

F-PLACE1000094

20

F-PLACE1000133//ESTs, Highly similar to TRANSCRIPTION FACTOR BTF3 [Homo sapiens]//6.2e-82:476:92//Hs.111081:AI380378

25

F-PLACE1000142//ESTs, Weakly similar to enoyl-CoA hydratase [H.sapiens]//7.7e-27:205:85//Hs.9670:AA632135

30

F-PLACE1000184//Homo sapiens estrogen-related receptor gamma mRNA, complete cds//2.5e-151:737:97//Hs.151017:AF058291

F-PLACE1000185

35

F-PLACE1000213

F-PLACE1000214//ESTs//0.00059:335:59//Hs.143849:AI167255

40

F-PLACE1000236//Fanconi anemia, complementation group A//0.44:306:61//Hs.86297:X99226

F-PLACE1000246//ESTs//7.3e-80:457:89//Hs.57209:W22022

45

F-PLACE1000292//ESTs//1.8e-05:323:60//Hs.59962:AI278202

F-PLACE1000308//EST//0.0024:253:62//Hs.144238:W52294

50

F-PLACE1000332//EST//5.6e-18:223:74//Hs.99532:AA461047

F-PLACE1000347//ESTs//6.4e-33:169:99//Hs.122975:AA428675

55

F-PLACE1000374//Human CCAAT-box-binding factor (CBF) mRNA, complete cds//0.26:45:95//Hs.147991:M37197

EP 1 074 617 A2

F-PLACE1000380//Homo sapiens proline and glutamic acid rich nuclear protein isoform mRNA, partial cds//1.0:262:58//Hs.102732:U88153

5 F-PLACE1000383//Myotubular myopathy 1//1.1e-50:669:67//Hs.75302:U46024

F-PLACE1000401//Homo sapiens mRNA for KIAA0616 protein, partial cds//0.036:471:58//Hs.6051:AB014516

10

F-PLACE1000406//ESTs, Highly similar to PTB-ASSOCIATED SPLICING FACTOR [Homo sapiens]//8.7e-63:346:93//Hs.19501:AA742260

15 F-PLACE1000420//Homo sapiens mRNA for KIAA0602 protein, partial cds//0.0023:216:65//Hs.37656:AB011174

20 F-PLACE1000421//Human lipid-activated protein kinase PRK1 mRNA, complete cds//0.55:212:63//Hs.2499:U33053

F-PLACE1000424

25 F-PLACE1000435//Homo sapiens mRNA for XPR2 protein//0.58:674:55//Hs.44766:AJ007590

F-PLACE1000444//Fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransferase, Bombay phenotype included)//2.7e-52:421:80//Hs.69747:M35531

30

F-PLACE1000453//Human mRNA for MTG8a protein, complete cds//0.026:240:60//Hs.31551:D43638

35 F-PLACE1000481//Oxytocin receptor//1.6e-25:347:71//Hs.2820:X64878

F-PLACE1000492//Human mRNA for KIAA0355 gene, complete cds//0.58:302:60//Hs.153014:AB002353

40

F-PLACE1000540//EST//0.32:229:59//Hs.163011:AA700573

45 F-PLACE1000547//Human heparan sulfate proteoglycan (HSPG2) mRNA, complete cds//0.0046:223:65//Hs.75578:M85289

F-PLACE1000562

50 F-PLACE1000564//ESTs//8.0e-35:247:89//Hs.12999:AA278538

F-PLACE1000583//Homo sapiens clone 23939 mRNA sequence//6.6e-47:525:72//Hs.21838:AF038179

55

F-PLACE1000588//Guanylate binding protein 1, interferon-inducible, 67kD//2.3e-85:503:88//Hs.62661:M55542

EP 1 074 617 A2

- 5 F-PLACE1000596//Homo sapiens mRNA for NS1-binding protein (NS1-BP)//1.2e-165:798:97//Hs.159597:AJ012449
- F-PLACE1000599//ESTs//0.65:201:58//Hs.98216:AA758751
- 10 F-PLACE1000610//Homo sapiens mRNA for KIAA0642 protein, partial cds//0.98:215:60//Hs.8152:AB014542
- F-PLACE1000611//ESTs//7.2e-20:406:64//Hs.128966:AA620986
- 15 F-PLACE1000636
- F-PLACE1000653//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds//5.0e-154:747:96//Hs.5819:AF102265
- 20 F-PLACE1000656//Homo sapiens mRNA for JM4 protein, complete CDS (clone IMAGE 546750 and LLNLc110F1857Q7 (RZPD Berlin))//7.5e-158:775:97//Hs.29595:AJ005896
- 25 F-PLACE1000706//Homo sapiens transcription intermediary factor 1 (TIF1) mRNA, complete cds//1.0e-57:675:69//Hs.128763:AF009353
- F-PLACE1000712//EST//0.56:171:61//Hs.112790:AA609949
- 30 F-PLACE1000716//Human mRNA for KIAA0258 gene, complete cds//6.1e-38:426:70//Hs.47313:D87447
- 35 F-PLACE1000748//ESTs//2.6e-43:233:95//Hs.110754:AA112288
- F-PLACE1000749//Human MAGE-9 antigen (MAGE9) gene, complete cds//0.72:331:57//Hs.37110:U10694
- 40 F-PLACE1000755//NUCLEOLIN//0.0038:186:66//Hs.79110:M60858
- F-PLACE1000769
- 45 F-PLACE1000785//Homo sapiens mRNA for KIAA0648 protein, partial cds//1.1e-139:663:98//Hs.31921:AB014548
- 50 F-PLACE1000786//Myosin, heavy polypeptide 9, non-muscle//8.5e-06:362:59//Hs.44782:Z82215
- F-PLACE1000793//ESTs//2.7e-62:315:97//Hs.16141:W56079
- 55 F-PLACE1000798//ESTs//1.4e-55:316:93//Hs.139119:N32189

EP 1 074 617 A2

F-PLACE1000841//EST//0.47:143:61//Hs.144096:AI032180

5 F-PLACE1000849//Homo sapiens CAGF9 mRNA, partial cds//1.6e-06:266:63//Hs.110826:
U80736

F-PLACE1000856//ESTs//2.6e-60:319:96//Hs.25994:AA470000

10 F-PLACE1000863//EST//9.4e-29:249:78//Hs.121919:AA777428

F-PLACE1000909//ESTs//0.97:214:60//Hs.128601:AA906455

15 F-PLACE1000931//ESTs//2.1e-46:592:70//Hs.154244:AA195201

F-PLACE1000948

20 F-PLACE1000972//Homo sapiens enhancer of filamentation (HEF1) mRNA, complete
cds//7.9e-10:294:66//Hs.80261:L43821

25 F-PLACE1000977//ESTs, Weakly similar to coded for by C. elegans cDNA yk28h2.5
[C.elegans]//9.3e-45:309:88//Hs.13531:R61789

F-PLACE1000979//Zinc finger protein 91 (HPF7, HTF10)//0.0034:229:62//Hs.8597:L11672

30 F-PLACE1000987//Homo sapiens mRNA for KIAA0724 protein, complete cds//2.6e-141:694:
96//Hs.158497:AB018267

35 F-PLACE1001000//ESTs//0.0035:116:73//Hs.144532:H39913

F-PLACE1001007//Guanylate cyclase 2D, membrane (retina-specific)//0.050:338:
61//Hs.1974:M92432

40 F-PLACE1001010//H.sapiens mRNA for retrotransposon//1.6e-45:371:80//Hs.6940:Z48633

F-PLACE1001015//ESTs//8.6e-27:211:71//Hs.88040:AA256876

45 F-PLACE1001024

F-PLACE1001036//EST//1.0:133:65//Hs.161424:AI424741

50 F-PLACE1001054//Human plectin (PLEC1) mRNA, complete cds//0.98:284:59//Hs.79706:
U53204

55 F-PLACE1001062

F-PLACE1001076//EST//0.84:223:59//Hs.161147:AI417859

EP 1 074 617 A2

F-PLACE1001088

5 F-PLACE1001092//Homo sapiens sorting nexin 4 mRNA, complete cds//1.0e-96:489:96//Hs.95448:AF065485

F-PLACE1001104//ESTs//0.19:249:64//Hs.152627:AA595817

10 F-PLACE1001118//Homo sapiens KRAB domain zinc finger protein (ZFP37) mRNA, complete cds//8.2e-66:676:71//Hs.150406:AF022158

15 F-PLACE1001136//Amphiregulin (schwannoma-derived growth factor)//1.5e-16:122:91//Hs.1257:M30704

F-PLACE1001168

20 F-PLACE1001171//ESTs//4.3e-12:214:72//Hs.141392:R95135

25 F-PLACE1001185//ESTs, Weakly similar to ZK792.1 [C.elegans]//1.6e-28:421:66//Hs.8763:W30741

F-PLACE1001238

30 F-PLACE1001241//ESTs//1.1e-22:225:79//Hs.159786:R49494

F-PLACE1001257//ESTs//1.9e-23:165:89//Hs.126518:AA913929

35 F-PLACE1001272//COATOMER BETA'SUBUNIT//0.012:50:96//Hs.75724:X70476

F-PLACE1001279//ESTs//0.97:377:59//Hs.152628:N51283

40 F-PLACE1001280//Homo sapiens hyperpolarization-activated channel 1 (IH1) mRNA, partial cds//1.2e-08:586:58//Hs.124161:AF065164

45 F-PLACE1001294//Homo sapiens mRNA for myosin phosphatase target subunit 1 (MYPT1) //0.91:221:61//Hs.16533:D87930

F-PLACE1001304//Human zinc finger protein mRNA, complete cds//8.6e-08:370:60//Hs.42672:AF016052

50 F-PLACE1001311//ESTs//1.7e-44:480:73//Hs.155384:Z78385

F-PLACE1001323//ESTs//1.1e-25:151:95//Hs.134120:AA699591

55 F-PLACE1001351

F-PLACE1001366//Homo sapiens mRNA for KIAA0799 protein, partial cds//2.8e-26:155:

EP 1 074 617 A2

95//Hs.61638:AB018342

5 F-PLACE1001377//Homo sapiens ADAM10 (ADAM10) mRNA, complete cds//3.4e-44:393:79//Hs.152005:AF009615

F-PLACE1001383//ESTs//1.0:159:65//Hs.128501:AA973748

10 F-PLACE1001384//Homo sapiens multi PDZ domain protein MUPP1 (MUPP1) mRNA, complete cds//2.6e-09:117:84//Hs.21301:AF093419

15 F-PLACE1001387//ESTs, Weakly similar to EPIDERMAL GROWTH FACTOR RECEPTOR KINASE SUBSTRATE EPS8 [H.sapiens]//0.00083:187:64//Hs.5399:N30646

F-PLACE1001395//Homo sapiens mRNA for putative DNA methyltransferase, complete

20 CDS//0.0038:496:57//Hs.97681:AJ223333

25 F-PLACE1001399//Human melanoma antigen recognized by T-cells (MART-1) mRNA//7.0e-45:456:75//Hs.154069:U06452

F-PLACE1001412//Homo sapiens clone 643 unknown mRNA, complete sequence//6.5e-71:365:96//Hs.110404:AF091087

30 F-PLACE1001414//EST//1.2e-75:364:98//Hs.136622:AA633232

F-PLACE1001440//ESTs//2.8e-05:163:66//Hs.141082:H18987

35 F-PLACE1001456//EST//0.95:132:61//Hs.20373:R09510

F-PLACE1001468//ESTs//0.00019:184:66//Hs.126536:AI379455

40 F-PLACE1001484//EST//8.6e-18:190:76//Hs.160992:H52716

F-PLACE1001502//Apolipoprotein E//2.5e-05:306:60//Hs.76260:M12529

45 F-PLACE1001503

F-PLACE1001517//ESTs//1.9e-12:138:78//Hs.120352:AA718914

50 F-PLACE1001534//EST//0.015:121:65//Hs.144156:R85753

F-PLACE1001545

55 F-PLACE1001551

F-PLACE1001570//EST//0.58:286:59//Hs.120202:AA728835

EP 1 074 617 A2

- 5 F-PLACE1001602//Human POU domain protein (Brn-3b) mRNA, complete cds//0.013:159:66//Hs.266:U06233
- F-PLACE1001603//Homo sapiens nitrilase 1 (NIT1) mRNA, complete cds//1.1e-10:133:77//Hs.146406:AF069987
- 10 F-PLACE1001608//ESTs//0.022:187:60//Hs.145915:AI342230
- F-PLACE1001610//ESTs//1.4e-77:377:97//Hs.115700:AA808005
- 15 F-PLACE1001611//Human faciogenital dysplasia (FGD1) mRNA, complete cds//0.96:141:66//Hs.1572:U11690
- F-PLACE1001632//Homo sapiens mRNA for KIAA0798 protein, complete cds//3.4e-76:702:75//Hs.159277:AB018341
- 20 F-PLACE1001634//ESTs//1.2e-43:260:92//Hs.134064:AI276198
- 25 F-PLACE1001640
- F-PLACE1001672//EST//2.8e-21:201:82//Hs.123341:AA810927
- 30 F-PLACE1001691//Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA, complete cds//2.8e-148:726:96//Hs.3688:AF069250
- F-PLACE1001692//ESTs, Highly similar to S-ACYL FATTY ACID SYNTHASE THIOESTERASE, MEDIUM CHAIN [Rattus norvegicus]//1.1e-95:481:92//Hs.24309:AI125696
- 35 F-PLACE1001705//Human RNA polymerase III subunit (RPC39) mRNA, complete cds//6.0e-30:347:76//Hs.101555:U93869
- 40 F-PLACE1001716//Human mRNA for KIAA0191 gene, partial cds//2.1e-69:369:73//Hs.12413:D83776
- 45 F-PLACE1001720//ESTs//1.2e-27:146:99//Hs.106432:AI391686
- F-PLACE1001729//Homo sapiens mRNA for KIAA0522 protein, partial cds//0.0084:484:60//Hs.129892:AB011094
- 50 F-PLACE1001739//Histidine-rich calcium binding protein//0.14:240:64//Hs.1480:M60052
- F-PLACE1001740//ESTs//4.9e-32:343:74//Hs.139158:AA226159
- 55 F-PLACE1001745

EP 1 074 617 A2

F-PLACE1001746//ESTs//7.0e-15:168:80//Hs.46601:N78361

5 F-PLACE1001748//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds//2.8e-160:
773:97//Hs.4812:AF061243

10 F-PLACE1001756//Homo sapiens tapasin (NGS-17) mRNA, complete cds//2.7e-35:269:
83//Hs.5247:AF029750

F-PLACE1001761//ESTs//6.9e-27:159:93//Hs.78277:AA131283

15 F-PLACE1001771//Human putative calcium influx channel (htrp3) mRNA, complete cds//3.4e-
52:548:72//Hs.150981:U47050

F-PLACE1001781

20 F-PLACE1001799//EST//5.4e-07:145:70//Hs.121840:AA776115

F-PLACE1001810//ESTs//0.024:134:67//Hs.43134:AA766138

25 F-PLACE1001817//Homo sapiens ATP-specific succinyl-CoA synthetase beta subunit (SCS)
mRNA, partial cds//3.6e-110:546:96//Hs.40820:AF058953

F-PLACE1001821

30 F-PLACE1001844//ESTs//5.4e-45:387:79//Hs.61199:AA024494

F-PLACE1001845//ESTs//2.5e-47:232:100//Hs.120809:AA150214

35 F-PLACE1001869//EST//1.0:139:59//Hs.122285:AA781906

F-PLACE1001897//ESTs//0.29:348:57//Hs.139993:AI343257

40 F-PLACE1001912//ESTs//4.0e-10:95:89//Hs.13475:R18220

F-PLACE1001920//Homo sapiens TNF-induced protein GG2-1 mRNA, complete cds//4.0e-
45 153:685:95//Hs.17839:AF099936

F-PLACE1001928//H.sapiens HUMM9 mRNA//0.063:196:66//Hs.2750:X74837

50 F-PLACE1001983//Homo sapiens Jagged 2 mRNA, complete cds//9.8e-06:431:
58//Hs.106387:AF029778

F-PLACE1001989

55 F-PLACE1002004

EP 1 074 617 A2

F-PLACE1002046

5 F-PLACE1002052//Human mRNA for phospholipase C, complete cds//0.0092:465:
58//Hs.153322:D42108

F-PLACE1002066//EST//0.49:307:61//Hs.150652:AA908555

10 F-PLACE1002072//EST//1.0:103:65//Hs.116488:F13707

F-PLACE1002073//Homo sapiens mRNA for KIAA0606 protein, partial cds//4.2e-39:635:
64//Hs.38176:AB011178

15 F-PLACE1002090//Homo sapiens signal recognition particle 72 (SRP72) mRNA, complete
cds//4.3e-83:388:99//Hs.5171:AF069765

20 F-PLACE1002115//EST//0.18:215:62//Hs.135747:AI002637

F-PLACE1002119//Human transcription factor ETR101 mRNA, complete cds//6.2e-13:384:
61//Hs.737:M62831

25 F-PLACE1002140//EST, Moderately similar to ALPHA-1-ANTITRYPSIN PRECURSOR [Homo
sapiens]//0.89:60:75//Hs.144290:T61747

30 F-PLACE1002150//ESTs//0.56:245:64//Hs.24119:AA115631

F-PLACE1002157//Human mRNA for KIAA0392 gene, partial cds//2.8e-51:440:79//Hs.40100:
AB002390

35 F-PLACE1002163//ESTs//0.76:212:61//Hs.112494:AI366891

F-PLACE1002170//ESTs//6.5e-09:108:76//Hs.41418:H90627

40 F-PLACE1002171//ESTs//3.5e-81:493:89//Hs.122553:H66674

F-PLACE1002205//Human clone 23695 mRNA sequence//0.00080:472:60//Hs.90798:
45 U79289

F-PLACE1002213//ESTs//0.041:146:67//Hs.119162:AA399989

50 F-PLACE1002227//ESTs//9.4e-06:173:66//Hs.127882:AI024442

F-PLACE1002256//ESTs//1.8e-93:440:99//Hs.128700:AA970935

55 F-PLACE1002259//Human Line-1 repeat mRNA with 2 open reading frames//2.3e-75:434:
83//Hs.23094:M19503

EP 1 074 617 A2

F-PLACE1002319//ESTs//0.82:188:62//Hs.50918:AA036675

F-PLACE1002342//EST//0.61:148:66//Hs.144319:AA280279

5 F-PLACE1002395//ESTs//1.2e-18:168:83//Hs.3853:AA034291

F-PLACE1002399//EST//0.0011:166:65//Hs.137500:AA436710

10 F-PLACE1002433//ESTs//1.2e-14:151:80//Hs.161837:AA421067

F-PLACE1002437//Human ATP binding cassette transporter (ABCR) mRNA, complete
15 cds//2.6e-23:458:66//Hs.40993:AF000148

F-PLACE1002438//EST//0.81:48:77//Hs.158575:AI368947

20 F-PLACE1002450//Homo sapiens KRAB domain zinc finger protein (ZFP37) mRNA,
complete cds//7.1e-07:270:66//Hs.150406:AF022158

F-PLACE1002465

25 F-PLACE1002474//Homo sapiens mRNA for matrilin-4, partial//1.3e-14:369:63//Hs.129361:
AJ007581

30 F-PLACE1002477//ESTs//3.5e-13:125:71//Hs.145032:AA343523

F-PLACE1002493

35 F-PLACE1002499

F-PLACE1002500//Human putative zinc transporter ZnT-3 (ZnT-3) mRNA, complete
40 cds//4.3e-19:708:59//Hs.111967:U76010

F-PLACE1002514//ESTs//3.1e-07:178:66//Hs.70932:AA126482

45 F-PLACE1002529//Homo sapiens mRNA for KIAA0713 protein, partial cds//2.9e-144:583:
95//Hs.88756:AB018256

F-PLACE1002532//Homo sapiens BAC clone RG300E22 from 7q21-q31.1//3.1e-115:566:
50 96//Hs.99348:AC004774

F-PLACE1002537//Thiopurine S-methyltransferase//1.9e-28:198:86//Hs.51124:AF019369

55 F-PLACE1002571//Homo sapiens mRNA for TP53, complete cds//0.99:274:59//Hs.138202:
AF027866

F-PLACE1002578//ESTs//7.3e-10:185:73//Hs.41418:H90627

EP 1 074 617 A2

- F-PLACE1002583//EST//0.0028:348:61//Hs.160396:AI393725
- 5 F-PLACE1002591//Human mRNA for actin binding protein p57, complete cds//2.8e-27:279:74//Hs.109606:D44497
- F-PLACE1002598//EST//0.011:209:62//Hs.131470:AI024187
- 10 F-PLACE1002604//EST//0.47:220:61//Hs.145434:AI198915
- F-PLACE1002625
- 15 F-PLACE1002655//GELSOLIN PRECURSOR, PLASMA//1.7e-36:693:62//Hs.80562:X04412
- F-PLACE1002665//EST//0.15:156:65//Hs.161793:AA380706
- 20 F-PLACE1002685//Homo sapiens B cell linker protein BLNK mRNA, alternatively spliced, complete cds//1.1e-187:804:97//Hs.124903:AF068180
- 25 F-PLACE1002714//Human involucrin mRNA//3.6e-08:509:60//Hs.157091:M13903
- F-PLACE1002722//Human protease-activated receptor 3 (PAR3) mRNA, complete cds//0.34:230:58//Hs.159196:U92971
- 30 F-PLACE1002768//EST//0.37:126:69//Hs.125353:AA877080
- F-PLACE1002772//ESTs//0.0017:147:69//Hs.132439:AA923728
- 35 F-PLACE1002775//EST//5.5e-09:129:75//Hs.135336:AI049827
- F-PLACE1002782//Homo sapiens I-1 receptor candidate protein mRNA, complete cds//0.0031:298:62//Hs.26285:AF082516
- 40 F-PLACE1002794//ESTs//0.71:125:66//Hs.97441:AI368926
- 45 F-PLACE1002811//Human mRNA for KIAA0172 gene, partial cds//5.8e-46:567:70//Hs.77546:D79994
- F-PLACE1002815
- 50 F-PLACE1002816//Homo sapiens mRNA for KIAA0600 protein, partial cds//4.3e-70:687:73//Hs.9028:AF039691
- 55 F-PLACE1002834//ESTs//2.6e-41:393:74//Hs.120206:AI089163
- F-PLACE1002839//ESTs//0.26:177:63//Hs.149013:AI334167

EP 1 074 617 A2

F-PLACE1002851//EST//0.0034:102:72//Hs.129630:AI000405

5 F-PLACE1002853//ESTs//1.1e-20:136:90//Hs.125895:AA889024

F-PLACE1002881//Interleukin 10//1.1e-41:454:72//Hs.2180:M57627

10 F-PLACE1002908//ESTs//3.8e-48:325:88//Hs.54702:AI040029

F-PLACE1002941//ESTs//5.0e-18:128:88//Hs.17376:AA855056

15 F-PLACE1002962

F-PLACE1002968//ESTs, Highly similar to trg gene product [R.norvegicus]//0.031:372:59//Hs.8021:AI041815

20 F-PLACE1002991

F-PLACE1002993

25 F-PLACE1002996//ESTs, Weakly similar to T20D3.3 [C.elegans]//1.3e-12:104:86//Hs.124808:T86959

30 F-PLACE1003025//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0510//0.99:192:64//Hs.92660:AB007979

F-PLACE1003027//Homo sapiens mRNA for KIAA0516 protein, partial cds//2.0e-131:632:97//Hs.129872:AB011088

35 F-PLACE1003044//Homo sapiens mRNA for KIAA0667 protein, partial cds//2.7e-14:555:58//Hs.154740:AB014567

40 F-PLACE1003045

F-PLACE1003092//ESTs//1.1e-108:506:99//Hs.22119:AA885491

45 F-PLACE1003100//Human Hep27 protein mRNA, complete cds//2.9e-66:650:73//Hs.102137:U31875

50 F-PLACE1003108//EST//0.016:181:65//Hs.119762:AA703419

F-PLACE1003136

55 F-PLACE1003145

F-PLACE1003153//ESTs//3.1e-09:209:65//Hs.111583:AA463590

EP 1 074 617 A2

- F-PLACE1003174//ESTs//0.073:97:69//Hs.12992:W01997
- 5 F-PLACE1003176//ESTs//3.3e-60:296:90//Hs.58239:AA215797
- F-PLACE1003190//Homo sapiens C19steroid specific UDP-glucuronosyltransferase mRNA, complete cds//0.98:221:60//Hs.139756:U59209
- 10 F-PLACE1003200//EST//0.0021:309:60//Hs.140561:AA765532
- F-PLACE1003205//EST//1.2e-07:204:65//Hs.147372:AI208770
- 15 F-PLACE1003238//ESTs//7.4e-62:343:94//Hs.121302:AA758208
- F-PLACE1003249//Insulin-like growth factor 1 (somatomedia C)//0.99:175:62//Hs.85112: X57025
- 20 F-PLACE1003256
- 25 F-PLACE1003258//H.sapiens mRNA for ZYG homologue//0.00020:217:64//Hs.29285:X99802
- F-PLACE1003296//ESTs//2.6e-14:80:86//Hs.155441:AA533106
- 30 F-PLACE1003302//Human repressor transcriptional factor (ZNF85) mRNA, complete cds//4.3e-51:700:67//Hs.37138:U35376
- F-PLACE1003334
- 35 F-PLACE1003342//ESTs//0.94:310:57//Hs.131502:AI023308
- F-PLACE1003343//EST//1.2e-09:114:77//Hs.103418:AA035568
- 40 F-PLACE1003353//Homo sapiens breast cancer antiestrogen resistance 3 protein (BCAR3) mRNA, complete cds//2.6e-144:773:92//Hs.6564:U92715
- 45 F-PLACE1003361//ESTs, Weakly similar to ATP SYNTHASE A CHAIN [Trypanosoma brucei brucei]//8.9e-35:332:78//Hs.163820:H71277
- F-PLACE1003366//Homo sapiens dysferlin mRNA, complete cds//7.9e-06:502: 57//Hs.143897:AF075575
- 50 F-PLACE1003369//NUCLEOLIN//0.00037:282:60//Hs.79110:M60858
- 55 F-PLACE1003373//EST//1.1e-11:420:63//Hs.156592:AI343009
- F-PLACE1003375//EST//0.75:119:68//Hs.160270:AI149069

EP 1 074 617 A2

F-PLACE1003383

5 F-PLACE1003394//ESTs, Highly similar to RAS-RELATED PROTEIN RAB-14 [Rattus norvegicus]//8.9e-113:590:94//Hs.125175:AI142546

10 F-PLACE1003401//ESTs//0.55:176:66//Hs.154292:AA886178

F-PLACE1003420//Macrophage stimulating 1 (hepatocyte growth factor-like)//0.40:206:62//Hs.30223:X90846

15 F-PLACE1003454//ESTs//0.98:74:72//Hs.127131:AA150912

F-PLACE1003478//EST//5.0e-06:183:69//Hs.127524:AA952874

20 F-PLACE1003493//Protein-tyrosine kinase 7//0.98:232:63//Hs.90572:U33635

F-PLACE1003516//Human kpni repeat mrna (cdna clone pcd-kpni-8), 3' end//3.4e-85:357:86//Hs.103948:K00627

25 F-PLACE1003519//ESTs//1.6e-33:288:72//Hs.159510:AA297145

F-PLACE1003521//H.sapiens mRNA for retrotransposon//1.4e-45:269:76//Hs.6940:Z48633

30 F-PLACE1003528//ESTs//0.65:120:68//Hs.162376:AA570248

35 F-PLACE1003537//ESTs, Weakly similar to ZK858.6 [C.elegans]//3.6e-110:543:97//Hs.120416:AA057428

F-PLACE1003553

40 F-PLACE1003566//ESTs//0.0015:508:59//Hs.5724:AA156780

F-PLACE1003575//Homo sapiens cdc14 homolog mRNA, complete cds//4.4e-05:499:58//Hs.65993:AF000367

45 F-PLACE1003583//ESTs//5.5e-19:448:63//Hs.161701:AA225932

50 F-PLACE1003584//EST//1.6e-46:263:94//Hs.147412:AI209194

F-PLACE1003592//ESTs, Moderately similar to !!!! ALU CLASS B WARNING ENTRY !!!! [H.sapiens]//1.4e-50:287:93//Hs.154799:AA130620

55 F-PLACE1003593//ESTs//0.0025:318:61//Hs.106771:AA806965

F-PLACE1003596//Integral transmembrane protein 1//1.9e-54:685:68//Hs.89650:L38961

EP 1 074 617 A2

F-PLACE1003602//Homo sapiens mRNA expressed in placenta//3.4e-140:679:
 97//Hs.56851:D83200
 5
 F-PLACE1003605//Homo sapiens Cdc14B2 phosphatase mRNA, partial cds//0.00065:236:
 64//Hs.22116:AF064104
 10
 F-PLACE1003611//EST//0.00015:318:59//Hs.28788:R66896
 F-PLACE1003618//Human Line-1 repeat mRNA with 2 open reading frames//1.3e-122:737:
 87//Hs.23094:M19503
 15
 F-PLACE1003625//ESTs//1.6e-16:103:96//Hs.111223:N51105
 F-PLACE1003638//ESTs//0.60:305:57//Hs.19104:W07762
 20
 F-PLACE1003669//ESTs, Weakly similar to 3-7 gene product [H.sapiens]//0.021:445:
 58//Hs.158275:AI365413
 25
 F-PLACE1003704//Human mRNA for KIAA0301 gene, partial cds//0.014:622:56//Hs.76730:
 AB002299
 30
 F-PLACE1003709//Homo sapiens protein kinase (BUB1) mRNA, complete cds//1.4e-133:
 669:95//Hs.98658:AF053305
 F-PLACE1003711//ESTs//2.2e-14:178:77//Hs.114831:T57101
 35
 F-PLACE1003723//Homo sapiens mRNA for T lymphocyte specific adaptor protein//8.5e-09:
 393:60//Hs.103527:AJ000553
 40
 F-PLACE1003738//ESTs, Weakly similar to ZINC FINGER PROTEIN 84 [H.sapiens]//1.8e-53:
 260:99//Hs.102928:AI346344
 F-PLACE1003760//ESTs//5.1e-08:334:63//Hs.43675:AA805648
 45
 F-PLACE1003762//ESTs//1.0:59:83//Hs.29863:W28983
 F-PLACE1003768//Human kpni repeat mrna (cdna clone pcd-kpni-4), 3' end//2.7e-40:608:
 68//Hs.139107:K00629
 50
 F-PLACE1003771//ESTs//6.6e-10:226:65//Hs.15776:T91944
 55
 F-PLACE1003783
 F-PLACE1003784//Homo sapiens mRNA for KIAA0765 protein, partial cds//1.0:457:
 57//Hs.62318:AB018308

EP 1 074 617 A2

- 5 F-PLACE1003795//Human homologue of yeast sec7 mRNA, complete cds//0.85:314:60//Hs.1050:M85169
- F-PLACE1003833//ESTs, Weakly similar to C27H6.5 [C.elegans]//0.00059:201:68//Hs.40806:AA018786
- 10 F-PLACE1003850//ESTs//0.0088:220:61//Hs.145504:AI254165
- F-PLACE1003858//EST//0.77:137:61//Hs.146935:AI168124
- 15 F-PLACE1003864//ESTs//0.11:225:59//Hs.160910:AI370359
- F-PLACE1003870//EST//7.2e-18:283:69//Hs.135497:AI091257
- 20 F-PLACE1003885//H.sapiens PAP mRNA//2.4e-75:759:72//Hs.49007:X76770
- F-PLACE1003886
- 25 F-PLACE1003888//Human mRNA for phospholipase C, complete cds//8.4e-55:702:67//Hs.153322:D42108
- F-PLACE1003892//ESTs//2.4e-13:258:67//Hs.28039:H24050
- 30 F-PLACE1003900//ESTs//3.5e-14:271:66//Hs.28589:AI004944
- F-PLACE1003903//CTP synthetase//1.6e-49:528:71//Hs.84112:X52142
- 35 F-PLACE1003915//ESTs, Highly similar to ARGINYL-TRNA SYNTHETASE, MITOCHONDRIAL PRECURSOR [Saccharomyces cerevisiae]//1.2e-49:251:98//Hs.65831:F03069
- 40 F-PLACE1003923//Interferon, alpha 16//0.48:278:60//Hs.56303:M28585
- F-PLACE1003932//EST//0.00060:221:63//Hs.163044:AA707537
- 45 F-PLACE1003936//ESTs//0.86:211:62//Hs.150751:AI123536
- F-PLACE1003968//Human 5'-AMP-activated protein kinase, gamma-1 subunit mRNA, complete cds//2.0e-47:522:71//Hs.3136:U42412
- 50 F-PLACE1004103//ESTs//8.6e-35:226:89//Hs.78973:AI026812
- F-PLACE1004104//ESTs//1.0:179:61//Hs.163935:AA506940
- 55 F-PLACE1004114//ESTs//1.3e-52:323:89//Hs.35156:AA148516

EP 1 074 617 A2

F-PLACE1004118//Spleen focus forming virus (SFFV) proviral integration oncogene
spi1//0.85:164:64//Hs.153045:X52056

5 F-PLACE1004128//Guanine nucleotide binding protein (G protein), beta polypeptide 1//3.1e-
41:422:74//Hs.3620:X04526

10 F-PLACE1004149//ESTs, Weakly similar to F48F7.1 [C.elegans]//8.2e-82:418:96//Hs.156161:
AI333779

F-PLACE1004156//ESTs//0.10:166:63//Hs.133279:AI053552

15 F-PLACE1004161//Human mRNA for KIAA0200 gene, complete cds//0.85:269:64//Hs.76986:
D83785

F-PLACE1004183//EST//1.3e-40:224:94//Hs.156603:AI343666

20

F-PLACE1004197//ESTs//2.8e-91:441:98//Hs.97269:AA292201

25 F-PLACE1004203//Homo sapiens GPI-anchored membrane protein CDw108 precursor,
mRNA, complete cds//1.3e-145:695:98//Hs.24640:AF069493

F-PLACE1004242//ESTs//0.99:213:60//Hs.117311:AA699722

30

F-PLACE1004256//EST//0.019:364:58//Hs.122395:AA789273

F-PLACE1004257//ESTs//0.77:154:64//Hs.112582:AA608689

35

F-PLACE1004258//ESTs, Weakly similar to vanilloid receptor subtype 1 [R.norvegicus]//1.1e-
98:479:97//Hs.31718:N29128

40

F-PLACE1004270//Homo sapiens CAGF9 mRNA, partial cds//0.00010:369:63//Hs.110826:
U80736

F-PLACE1004274//Homo sapiens mRNA for KIAA0445 protein, complete cds//0.085:573:
56//Hs.154139:AB007914

45

F-PLACE1004277//Homo sapiens two pore domain K⁺ channel (TASK-2) mRNA, complete
cds//2.0e-157:756:97//Hs.127007:AF084830

50

F-PLACE1004284//ESTs//3.6e-71:344:99//Hs.145870:AI271884

F-PLACE1004289//ESTs//2.6e-57:370:85//Hs.16740:AA586576

55

F-PLACE1004302//FACTOR VIII INTRON 22 PROTEIN//0.032:513:59//Hs.83363:M34677

F-PLACE1004316//H.sapiens mRNA for apoptosis specific protein//9.3e-152:797:

EP 1 074 617 A2

94//Hs.11171:Y11588

F-PLACE1004336

5

F-PLACE1004358//Homo sapiens connector enhancer of KSR-like protein CNK1 mRNA, complete cds//1.9e-140:688:97//Hs.16232:AF100153

10

F-PLACE1004376//ESTs, Weakly similar to F27D4.4 [C.elegans]//3.9e-109:521:98//Hs.14079:AA306552

15

F-PLACE1004384//Human HsLIM15 mRNA for HsLim15, complete cds//2.0e-49:466:76//Hs.37181:D64108

F-PLACE1004388

20

F-PLACE1004405//EST//0.010:191:64//Hs.147600:AI217871

F-PLACE1004425//ESTs//2.1e-20:124:80//Hs.94195:W03579

25

F-PLACE1004428//H.sapiens mRNA for Branched chain Acyl-CoA Oxidase//1.0:552:58//Hs.9795:X95190

30

F-PLACE1004437//Human NAD⁺-specific isocitrate dehydrogenase beta subunit precursor, mRNA, nuclear gene encoding mitochondrial protein, complete cds//9.9e-131:536:99//Hs.155410:U49283

35

F-PLACE1004451//ESTs//5.9e-18:203:73//Hs.156097:AI348867

F-PLACE1004460

40

F-PLACE1004467//ESTs//8.0e-17:345:66//Hs.112993:AA824363

F-PLACE1004471//EST//9.3e-69:463:84//Hs.116391:AA644085

45

F-PLACE1004473//ESTs//0.93:358:58//Hs.33263:AA724416

F-PLACE1004491//EST//2.5e-58:285:99//Hs.97603:AA398163

50

F-PLACE1004506//CD81 ANTIGEN//7.2e-06:228:63//Hs.54457:M33680

F-PLACE1004510//Homo sapiens cofactor of initiator function (CIF150) mRNA, complete cds//2.5e-147:699:97//Hs.122752:AF026445

55

F-PLACE1004516//EST//1.0e-26:343:71//Hs.142595:N24150

EP 1 074 617 A2

F-PLACE1004518

F-PLACE1004548//EST//0.84:193:62//Hs.99583:AA461314

5

F-PLACE1004550//ESTs, Weakly similar to No definition line found [C.elegans]//4.0e-120:627:94//Hs.107387:AA058854

10

F-PLACE1004564//EST//1.0:240:62//Hs.16824:T91371

F-PLACE1004629//Centromere protein B (80kD)//0.0015:242:64//Hs.85004:X05299

15

F-PLACE1004645

F-PLACE1004646//Retinal pigment epithelium-specific protein (65kD)//1.4e-12:386:63//Hs.2133:U18991

20

F-PLACE1004658//ESTs//0.52:273:61//Hs.97252:AA291590

F-PLACE1004664

25

F-PLACE1004672//Human ABL gene, exon 1b and intron 1b, and putative M8604 Met protein (M8604 Met) gene//1.5e-66:357:95//Hs.77705:U07563

30

F-PLACE1004674//Homo sapiens calcium binding protein (ALG-2) mRNA, complete cds//1.4e-110:625:91//Hs.80019:AF035606

F-PLACE1004681//EST//0.00092:303:61//Hs.149560:AI281589

35

F-PLACE1004686//ESTs//3.0e-31:186:76//Hs.139130:AA704561

F-PLACE1004691//Homo sapiens clone 23963 mRNA sequence//0.54:242:61//Hs.48483:AF007131

40

F-PLACE1004693//ESTs, Weakly similar to pot. ORF III [H.sapiens]//0.56:96:71//Hs.125740:AA884845

45

F-PLACE1004716//ESTs//2.0e-79:388:98//Hs.150999:AI306542

F-PLACE1004722//ESTs//7.5e-06:105:72//Hs.128796:AA485891

50

F-PLACE1004736//ESTs//1.7e-27:203:86//Hs.119593:AA700148

F-PLACE1004740//ESTs//1.0e-25:174:89//Hs.29696:AA910680

55

F-PLACE1004743

EP 1 074 617 A2

F-PLACE1004751//ESTs, Highly similar to CMP-N-ACETYLNEURAMINATE-BETA-1,4-GALACTOSIDE ALPHA-2,3-SIALYLTRANSFERASE [Rattus norvegicus]//2.0e-41:260:90//Hs.6863:W52470

5

F-PLACE1004773//Homo sapiens inversin protein mRNA, complete cds//1.7e-172:828:97//Hs.104715:AF084367

10

F-PLACE1004777//Human myosin IXb mRNA, complete cds//1.0e-29:556:63//Hs.159629:U42391

F-PLACE1004793

15

F-PLACE1004804

F-PLACE1004813//EST//2.8e-42:296:83//Hs.155725:AI310340

20

F-PLACE1004814//ESTs, Weakly similar to U1 SMALL NUCLEAR RIBONUCLEOPROTEIN 70 KD [Xenopus laevis]//2.4e-78:415:95//Hs.80965:AA493284

25

F-PLACE1004815//Human mRNA for KIAA0364 gene, complete cds//4.3e-14:294:69//Hs.22111:AB002362

F-PLACE1004824//ESTs//0.0072:128:69//Hs.164062:AA934047

30

F-PLACE1004827//ESTs//0.78:38:100//Hs.18925:W30943

F-PLACE1004836//Homo sapiens Notch3 (NOTCH3) mRNA, complete cds//0.78:338:57//Hs.8546:U97669

35

F-PLACE1004838

F-PLACE1004840//Protein phosphatase 1, catalytic subunit, beta isoform//0.89:200:66//Hs.21537:X80910

40

F-PLACE1004868

45

F-PLACE1004885//ESTs//0.41:181:61//Hs.116796:AA633772

F-PLACE1004900

50

F-PLACE1004902//ESTs//4.7e-72:367:96//Hs.54971:AI424382

F-PLACE1004913//ESTs//0.031:166:63//Hs.130110:AA904929

55

F-PLACE1004918//Human tumor susceptibility protein (TSG101) mRNA, complete cds//4.1e-24:402:64//Hs.118910:U82130

EP 1 074 617 A2

- 5 F-PLACE1004930//Homo sapiens TNF-induced protein GG2-1 mRNA, complete cds//9.7e-86:519:88//Hs.17839:AF099936
- 10 F-PLACE1004934//ESTs//7.2e-43:231:78//Hs.133503:AA628592
- 15 F-PLACE1004937//ESTs//0.97:80:68//Hs.144264:C00851
- 20 F-PLACE1004969
- 25 F-PLACE1004972//Human retinoic acid- and interferon-inducible 58K protein RI58 mRNA, complete cds//0.031:235:60//Hs.27610:U34605
- 30 F-PLACE1004979//Homo sapiens mRNA for KIAA0575 protein, complete cds//4.9e-43:331:83//Hs.153468:AB011147
- 35 F-PLACE1004982//ESTs//0.020:148:63//Hs.129377:AI218520
- 40 F-PLACE1004985//ESTs//7.9e-05:372:61//Hs.87606:AA242831
- 45 F-PLACE1005026//ESTs//4.6e-29:212:89//Hs.137451:AA351459
- 50 F-PLACE1005027//ESTs//6.5e-91:455:97//Hs.30890:H15159
- 55 F-PLACE1005046//ESTs//3.7e-56:250:96//Hs.152730:AI308943
- F-PLACE1005052//EST//1.8e-36:370:73//Hs.123424:AA813594
- F-PLACE1005055//Homo sapiens mRNA for KIAA0576 protein, partial cds//6.2e-161:761:98//Hs.14687:AB011148
- F-PLACE1005066//Homo sapiens actin binding protein MAYVEN mRNA, complete cds//3.0e-11:757:56//Hs.122967:AF059569
- F-PLACE1005077//EST//0.79:283:591//Hs.89276:AA283899
- F-PLACE1005085//ESTs//3.5e-18:231:72//Hs.142654:AA324740
- F-PLACE1005086//Homo sapiens mRNA for KIAA0575 protein, complete cds//1.9e-49:401:80//Hs.153468:AB011147
- F-PLACE1005101//Homo sapiens (clone zap128) mRNA, 3' end of cds//8.2e-20:194:80//Hs.75437:L40401
- F-PLACE1005102//Homo sapiens HIV-1 inducer of short transcripts binding protein (FBI1) mRNA, complete cds//8.9e-18:538:62//Hs.104640:AF000561

EP 1 074 617 A2

- F-PLACE1005108//Treacher Collins syndrome susceptibility protein//0.73:405:57//Hs.73166:U76366
- 5 F-PLACE1005111//ESTs//0.66:191:63//Hs.106446:N93227
- F-PLACE1005128//Breakpoint cluster region protein BCR//5.6e-08:291:63//Hs.2557:Y00661
- 10 F-PLACE1005146//ESTs, Weakly similar to hypothetical protein II [H.sapiens]//4.8e-12:360:63//Hs.142177:H11741
- 15 F-PLACE1005162//Human mRNA for KIAA0118 gene, partial cds//3.9e-49:563:72//Hs.154326:D42087
- F-PLACE1005176//Homo sapiens mRNA for KIAA0641 protein, complete cds//0.82:259:60//Hs.128316:AB014541
- 20 F-PLACE1005181//ESTs, Weakly similar to No definition line found [C.elegans]//4.4e-126:583:99//Hs.25347:AI138605
- 25 F-PLACE1005187//ESTs//6.2e-34:222:90//Hs.124265:N70417
- F-PLACE1005206//EST//0.089:167:62//Hs.140487:AA767009
- 30 F-PLACE1005232//ESTs, Weakly similar to synapse-associated protein sap47-1 [D.melanogaster]//0.56:192:60//Hs.47334:W72370
- 35 F-PLACE1005243
- F-PLACE1005261//ESTs//0.52:245:58//Hs.6682:T76941
- 40 F-PLACE1005266//Kallmann syndrome 1 sequence//7.8e-06:484:60//Hs.89591:M97252
- F-PLACE1005277//Homo sapiens mRNA for KIAA0610 protein, partial cds//5.1e-150:706:98//Hs.118087:AB011182
- 45 F-PLACE1005287//ESTs//8.1e-107:501:99//Hs.145703:AA447947
- F-PLACE1005305//GTP:AMP PHOSPHOTRANSFERASE MITOCHONDRIAL//4.4e-37:597:66//Hs.101642:X60673
- 50 F-PLACE1005308//High-mobility group (nonhistone chromosomal) protein 2//0.83:239:62//Hs.80684:X62534
- 55 F-PLACE1005313

EP 1 074 617 A2

F-PLACE1005327//ESTs, Weakly similar to No definition line found [C.elegans]/6.0e-81:459:91//Hs.146177:R51650

5 F-PLACE1005331//Homo sapiens chromosome 19, cosmid F20569//3.7e-66:412:88//Hs.134031:AC004794

10 F-PLACE1005335//Homo sapiens mRNA for KIAA0754 protein, partial cds//0.96:510:56//Hs.159183:AB018297

F-PLACE1005373

15 F-PLACE1005374//ESTs//7.5e-77:437:91//Hs.143266:AI141348

F-PLACE1005409//ESTs//2.4e-05:267:63//Hs.163307:AA856751

20 F-PLACE1005453//ESTs//0.12:333:58//Hs.134672:AI087951

F-PLACE1005467//HOMEODOMAIN PROTEIN RDC-1//0.0043:148:67//Hs.74095:L20433

25

F-PLACE1005471//ESTs//3.4e-24:135:97//Hs.49275:N66925

30 F-PLACE1005477//Human Line-1 repeat mRNA with 2 open reading frames//3.5e-126:744:87//Hs.23094:M19503

F-PLACE1005480//ESTs//3.7e-26:184:70//Hs.113198:N39323

35 F-PLACE1005481//EST//0.27:153:64//Hs.120066:AA707973

F-PLACE1005494//ESTs//2.4e-50:257:98//Hs.159003:AA633029

40 F-PLACE1005502//ESTs//0.15:408:57//Hs.45106:AA504105

F-PLACE1005526//ESTs//3.2e-61:305:98//Hs.122574:AA776747

45 F-PLACE1005528//ESTs//9.9e-32:249:78//Hs.142531:N91572

F-PLACE1005530//ESTs//1.0e-94:491:95//Hs.131731:AI339335

50 F-PLACE1005550//ESTs//0.084:290:58//Hs.157775:AI359385

F-PLACE1005554//EST//0.38:213:58//Hs.102749:N64144

55 F-PLACE1005557//ESTs, Highly similar to MITOCHONDRIAL 60S RIBOSOMAL PROTEIN L2 PRECURSOR [Saccharomyces cerevisiae]/4.5e-51:258:97//Hs.7736:W81261

EP 1 074 617 A2

F-PLACE1005574//ESTs//3.2e-09:236:66//Hs.146884:AI160278

F-PLACE1005584//Fragile X mental retardation 2//1.2e-05:151:69//Hs.54472:U48436

5

F-PLACE1005595//ESTs//2.1e-98:512:95//Hs.118552:W74594

F-PLACE1005603//EST//1.0:90:66//Hs.111204:AA211851

10

F-PLACE1005611//ESTs, Weakly similar to B0035.14 [C.elegans]//3.5e-32:197:92//Hs.8241:AA283057

15

F-PLACE1005623//ESTs//3.0e-30:191:92//Hs.77570:N48234

F-PLACE1005630//ESTs//2.3e-32:175:97//Hs.122278:AA781867

20

F-PLACE1005639//ESTs//0.88:218:58//Hs.117389:AA701991

F-PLACE1005646//Homo sapiens RNA helicase-related protein mRNA, complete cds//2.1e-151:721:98//Hs.8765:AF083255

25

F-PLACE1005656//Ribonucleotide reductase M2 polypeptide//3.9e-53:480:74//Hs.75319:X59618

30

F-PLACE1005666//Homo sapiens mRNA for KIAA0448 protein, complete cds//0.086:223:59//Hs.27349:AB007917

35

F-PLACE1005698//Human membrane-associated lectin type-C mRNA//6.1e-65:374:85//Hs.23759:M98457

F-PLACE1005727//ESTs//8.7e-65:330:96//Hs.127027:AA935437

40

F-PLACE1005730//ESTs//2.9e-14:270:67//Hs.28589:AI004944

F-PLACE1005739//Homo sapiens mRNA for serin protease with IGF-binding motif, complete cds//0.75:289:59//Hs.75111:D87258

45

F-PLACE1005755//Insulin-like growth factor binding protein 2//3.6e-05:377:62//Hs.162:X16302

50

F-PLACE1005763//ESTs, Highly similar to S-ACYL FATTY ACID SYNTHASE THIOESTERASE, MEDIUM CHAIN [Rattus norvegicus]//5.7e-49:252:88//Hs.24309:AI125696

55

F-PLACE1005799//ESTs//5.2e-13:392:58//Hs.110530:AA191493

F-PLACE1005802

EP 1 074 617 A2

F-PLACE1005803

5 F-PLACE1005804//Homo sapiens alpha 1,2-mannosidase IB mRNA, complete cds//4.5e-128:636:96//Hs.125315:AF027156

10 F-PLACE1005813//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds//8.4e-156:739:98//Hs.11183:AF065482

F-PLACE1005828//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!!
[H.sapiens]//4.1e-42:327:81//Hs.138404:R70986

15 F-PLACE1005834//Retinoblastoma 1 (including osteosarcoma)//0.038:436:58//Hs.75770:L41870

20 F-PLACE1005845//ESTs//4.8e-50:309:89//Hs.107149:AI379497

F-PLACE1005850//ESTs//7.1e-40:253:79//Hs.158096:AA186905

25 F-PLACE1005851//ESTs//7.6e-93:483:95//Hs.135608:AA732242

F-PLACE1005876//ESTs//0.97:282:60//Hs.98664:AI381487

30 F-PLACE1005884//ESTs//0.070:276:60//Hs.106057:AI031552

F-PLACE1005890//ESTs//1.5e-91:500:93//Hs.136993:AA843300

35 F-PLACE1005898

F-PLACE1005921

40 F-PLACE1005923//ESTs//0.50:308:58//Hs.52489:R61504

F-PLACE1005925//ESTs//0.024:93:68//Hs.149868:AI288274

45 F-PLACE1005932//TYROSINE-PROTEIN KINASE RECEPTOR EPH PRECURSOR//0.97:342:57//Hs.89839:M18391

F-PLACE1005934//ESTs//8.6e-10:74:93//Hs.25092:AA922142

50 F-PLACE1005936//DNA excision repair protein ERCC5//1.0:144:63//Hs.48576:X69978

F-PLACE1005951//B94 PROTEIN//0.00025:371:61//Hs.75522:M92357

55 F-PLACE1005953//ESTs//2.8e-06:290:61//Hs.140996:R73468

F-PLACE1005955//ESTs, Weakly similar to Y53C12A.3 [C.elegans]//0.15:136:66//Hs.107747:

EP 1 074 617 A2

AI357868

5 F-PLACE1005966//Human zinc finger/leucine zipper protein (AF10) mRNA, complete
cds//1.0:215:63//Hs.7885:U13948

F-PLACE1005968

10 F-PLACE1005990

F-PLACE1006002//Putative mismatch repair/binding protein hMSH3//1.9e-48:312:
15 77//Hs.42674:U61981

F-PLACE1006003//EST//0.00018:171:67//Hs.138882:W73256

F-PLACE1006011

20

F-PLACE1006017//ESTs//3.1e-21:159:88//Hs.142173:AA757743

25 F-PLACE1006037//Homo sapiens mRNA for KIAA0789 protein, complete cds//0.021:202:
64//Hs.158319:AB018332

F-PLACE1006040//Homo sapiens mRNA for alpha endosulfine//1.1e-148:719:97//Hs.98782:
30 X99906

F-PLACE1006076//EST//0.29:92:64//Hs.161536:N80395

35 F-PLACE1006119//Homo sapiens Ran-GTP binding protein mRNA, partial cds//4.1e-147:
679:99//Hs.4976:AF039023

F-PLACE1006129

40

F-PLACE1006139

F-PLACE1006143//Human mRNA for KIAA0355 gene, complete cds//9.3e-43:357:
45 79//Hs.153014:AB002353

F-PLACE1006157//ESTs, Weakly similar to ETX1 {alternatively spliced} [H.sapiens]//2.9e-12:
119:84//Hs.23153:R92857

50

F-PLACE1006159//ESTs//2.3e-87:443:96//Hs.23740:H17868

F-PLACE10061641/ESTs//0.099:223:60//Hs.8108:AA902721

55

F-PLACE1006167//Homo sapiens chromosome 19, cosmid F23149//1.1e-68:333:
92//Hs.152894:AC005239

EP 1 074 617 A2

F-PLACE1006170//ESTs//0.081:171:67//Hs.135187:AI074005

5 F-PLACE1006187//Homo sapiens cyclin E2 mRNA, complete cds//1.2e-150:694:99//Hs.30464:AF091433

F-PLACE1006195//ESTs//8.9e-14:229:70//Hs.141470:N49608

10 F-PLACE1006196//ESTs, Weakly similar to protein synthesis initiation factor 4A-II homolog//3.5e-59:369:88//Hs.135623:AA134719

F-PLACE1006205

15 F-PLACE1006223//ESTs, Weakly similar to TERATOCARCINOMA-DERIVED GROWTH FACTOR 1 [H.sapiens]//0.0089:166:63//Hs.127179:AI279486

20 F-PLACE1006225

F-PLACE1006236//EST//0.060:89:69//Hs.136977:AA830668

25 F-PLACE1006239//ESTs//0.028:105:66//Hs.142336:AA358185

F-PLACE1006246//ESTs//0.060:330:60//Hs.105695:AI085802

30 F-PLACE1006248//Homo sapiens mRNA for KIAA0648 protein, partial cds//7.3e-168:791:98//Hs.31921:AB014548

F-PLACE1006262

35 F-PLACE1006288//Homo sapiens mRNA for Pex3 protein//4.8e-37:186:100//Hs.7277:AJ001625

40 F-PLACE1006318

F-PLACE1006325//ESTs//3.7e-25:206:83//Hs.102319:AI246503

45 F-PLACE1006335//ESTs//2.0e-27:161:95//Hs.163529:AI361492

F-PLACE1006357//ESTs//0.013:268:61//Hs.105775:AA526249

50 F-PLACE1006360//ESTs//4.8e-27:146:98//Hs.100739:Z98481

F-PLACE1006368//Homo sapiens clone 24540 mRNA sequence//0.65:272:59//Hs.153529:AF070581

55 F-PLACE1006371//Homo sapiens jerky gene product homolog mRNA, complete cds//2.6e-07:403:61//Hs.105940:AF004715

EP 1 074 617 A2

F-PLACE1006382//EST//0.98:77:68//Hs.136933:AA814693

5 F-PLACE1006385//Homo sapiens epsin 2b mRNA, complete cds//1.6e-111:539:97//Hs.22396:AF062085

10 F-PLACE1006412//Human mRNA for KIAA0298 gene, complete cds//1.0e-36:424:74//Hs.21560:AB002296

15 F-PLACE1006414//Homo sapiens PCAF associated factor 65 alpha mRNA, complete cds//4.3e-111:525:98//Hs.131846:AF069735

F-PLACE1006438//Homo sapiens mRNA for KIAA0557 protein, partial cds//2.2e-24:531:65//Hs.101414:AB011129

20 F-PLACE1006445//Homo sapiens chromosome 16 zinc finger protein ZNF200 (ZNF200) mRNA, complete cds//1.0:248:60//Hs.88219:AF060866

25 F-PLACE1006469//Human SA mRNA for SA gene product, complete cds//0.24:210:62//Hs.89659:AC004381

F-PLACE1006470

30 F-PLACE1006482//Homo sapiens basic-leucine zipper transcription factor MafK (MAFK) mRNA, complete cds//5.0e-46:520:71//Hs.131953:AF059194

35 F-PLACE1006488//ESTs//6.2e-47:239:97//Hs.158161:AA312511

F-PLACE1006492//ESTs//0.82:37:100//Hs.160417:AA488493

40 F-PLACE1006506//HUMAN IMMUNODEFICIENCY VIRUS TYPE I ENHANCER-BINDING PROTEIN 2//0.98:505:56//Hs.75063:AL023584

F-PLACE1006521//ESTs//0.032:222:63//Hs.23171:AA706542

45 F-PLACE1006531//EST//2.1e-53:258:100//Hs.117316:AA699358

F-PLACE1006534//EST//1.8e-07:78:89//Hs.157551:AI356219

50 F-PLACE1006540//Homo sapiens mRNA for cadherin-6, complete cds//0.96:383:58//Hs.32963:D31784

55 F-PLACE1006552//Human (clone N5-4) protein p84 mRNA, complete cds//0.058:464:57//Hs.1540:L36529

F-PLACE1006598//Homo sapiens mRNA for KIAA0737 protein, complete cds//4.1e-17:372:

EP 1 074 617 A2

65//Hs.17630:AB018280

5 F-PLACE1006615//Homo sapiens eukaryotic translation initiation factor eIF3, p35 subunit mRNA, complete cds//2.2e-168:781:99//Hs.155377:U97670

F-PLACE1006617//ESTs//6.0e-08:354:60//Hs.42624:H99088

10 F-PLACE1006626//NUCLEOLIN//0.0044:186:66//Hs.79110:M60858

F-PLACE1006629//Homo sapiens (clone s22i71) mRNA fragment//0.097:229:63//Hs.26956:L40396

15 F-PLACE1006640//ESTs//0.00019:380:59//Hs.13672:AI131473

20 F-PLACE1006673//ESTs, Weakly similar to T14B4.2 gene product [C.elegans]//1.6e-12:113:83//Hs.3385:N25917

F-PLACE1006678

25 F-PLACE1006704//Homo sapiens ALR mRNA, complete cds//0.16:284:60//Hs.153638:AF010403

30 F-PLACE1006731//Homo sapiens SOX22 protein (SOX22) mRNA, complete cds//1.6e-05:382:63//Hs.43627:U35612

F-PLACE1006754//Biliary glycoprotein//8.9e-27:305:72//Hs.50964:X16354

35 F-PLACE1006760//ESTs//0.10:207:62//Hs.152589:AA954152

F-PLACE1006779//Kallmann syndrome 1 sequence//0.00025:251:64//Hs.89591:M97252

40 F-PLACE1006782//ESTs//1.2e-90:423:100//Hs.132826:AI075783

F-PLACE1006792//ESTs//1.5e-10:439:58//Hs.138501:AI051228

45 F-PLACE1006795//TYROSINE-PROTEIN KINASE RECEPTOR ETK1 PRECURSOR//4.5e-10:84:95//Hs.123642:M83941

50 F-PLACE1006800//ESTs//0.00068:360:61//Hs.157876:AI422017

F-PLACE1006805//ESTs//4.6e-103:491:98//Hs.140465:AA769892

55 F-PLACE1006815//Homo sapiens mRNA for KIAA0618 protein, complete cds//0.47:403:56//Hs.15832:AB014518

F-PLACE1006819//Human Line-1 repeat mRNA with 2 open reading frames//3.7e-103:619:

EP 1 074 617 A2

87//Hs.23094:M19503

F-PLACE1006829//ESTs//1.5e-22:141:94//Hs.142988:AA142876

5

F-PLACE1006860//EST//0.0062:206:65//Hs.158793:AI376773

F-PLACE1006867//ESTs//0.068:218:62//Hs.91166:AA551273

10

F-PLACE1006878//Homo sapiens mRNA for KIAA0711 protein, complete cds//1.0:268:58//Hs.5333:AB018254

15

F-PLACE1006883//ESTs//1.6e-75:398:94//Hs.119544:T95601

F-PLACE1006901//ESTs//1.9e-13:87:96//Hs.134737:AI089187

20

F-PLACE1006904//EST//1.0:91:70//Hs.148270:AA906443

F-PLACE1006917

25

F-PLACE1006932//ESTs//0.98:110:70//Hs.100855:AI423913

F-PLACE1006935//EST//1.0:92:65//Hs.124554:AA847211

30

F-PLACE1006956//PERIPHERIN//0.13:443:57//Hs.37044:L14565

F-PLACE1006958//Heat shock 70kD protein 4//6.4e-40:456:70//Hs.127:L12723

35

F-PLACE1006961//ESTs, Highly similar to RSP5 PROTEIN [Saccharomyces cerevisiae]//3.2e-07:67:98//Hs.21806:AA630312

F-PLACE1006962//H.sapiens ir1B mRNA//2.3e-16:202:71//Hs.135202:X63417

40

F-PLACE1006966//Homo sapiens syntaxin 4 binding protein UNC-18c (UNC-18c) mRNA, complete cds//0.14:191:67//Hs.8813:AF032922

45

F-PLACE1006989//Cyclin B1//0.99:224:59//Hs.23960:M25753

F-PLACE1007014//Homo sapiens NBMPR-insensitive nucleoside transporter ei (ENT2) mRNA, complete cds//3.1e-05:594:58//Hs.32951:AF034102

50

F-PLACE1007021//ESTs//7.2e-89:446:96//Hs.7111:U55971

F-PLACE1007045//Human Line-1 repeat mRNA with 2 open reading frames//1.0e-117:775:84//Hs.23094:M19503

55

F-PLACE1007053//Homo sapiens mRNA for ARNO3 protein//0.35:63:82//Hs.129811:

EP 1 074 617 A2

AJ223957

5 F-PLACE1007068//Polycystic kidney disease 1 (autosomal dominant)//0.22:361:
60//Hs.75813:L33243

F-PLACE1007097//ESTs//2.9e-25:197:83//Hs.105665:H78987

10 F-PLACE1007105//Amylo-1,6-glucosidase, 4-alpha-glucanotransferase (glycogen
debranching enzyme, glycogen storage disease type III)//0.18:268:63//Hs.904:U84010

15 F-PLACE1007111//EST//0.0066:260:60//Hs.147903:AI223385

F-PLACE1007112

20 F-PLACE1007132//ESTs//3.1e-30:195:76//Hs.46158:AI160121

F-PLACE1007140//TRANSCRIPTION ELONGATION FACTOR S-II//0.13:302:60//Hs.78869:
M81601

25 F-PLACE1007178//ESTs//9.6e-54:289:95//Hs.12251:H12965

F-PLACE1007226//Homo sapiens Notch3 (NOTCH3) mRNA, complete cds//0.00090:412:
59//Hs.8546:U97669

30 F-PLACE1007238//Human plectin (PLEC1) mRNA, complete cds//1.4e-07:492:64//Hs.79706:
U53204

35 F-PLACE1007239//Human mRNA for transcription elongation factor S-II, hS-II-T1, complete
cds//2.0e-58:405:87//Hs.80598:D50495

40 F-PLACE1007242//EST//0.014:55:89//Hs.88432:AA262141

F-PLACE1007243//ESTs//2.0e-43:227:97//Hs.124775:AA648467

45 F-PLACE1007257//Homo sapiens mRNA for dia-156 protein//3.7e-144:677:98//Hs.121556:
Y15909

F-PLACE1007274

50 F-PLACE1007276//ATPase, Cu⁺⁺ transporting, alpha polypeptide (Menkes syndrome)//0.94:
167:64//Hs.606:L06133

55 F-PLACE1007282

F-PLACE1007286//ESTs//1.0e-25:333:71//Hs.134860:AI091436

EP 1 074 617 A2

F-PLACE1007301//EST//0.78:171:61//Hs.160990:H52412

5 F-PLACE1007317//Homo sapiens oxysterol 7alpha-hydroxylase (CYP7b1) mRNA, complete
cds//0.88:298:58//Hs.144877:AF029403

F-PLACE1007342

10 F-PLACE1007346//Homo sapiens estrogen-responsive B box protein (EBBP) mRNA,
complete cds//1.7e-121:567:98//Hs.76596:AF096870

15 F-PLACE1007367//H.sapiens mRNA for MACH-alpha-2 protein//2.2e-55:532:77//Hs.19949:
X98173

F-PLACE1007375

20 F-PLACE1007386//ESTs//0.00066:61:91//Hs.149318:AI248642

F-PLACE1007402//EST//1.7e-06:193:65//Hs.132124:AI041287

25 F-PLACE1007409//Homo sapiens mitoxantrone resistance protein 1 mRNA, partial
sequence//3.8e-18:128:92//Hs.14387:AF093771

F-PLACE1007416

30

F-PLACE1007450//ESTs//2.6e-36:194:97//Hs.22359:AI024436

F-PLACE1007452//EST//1.8e-34:197:94//Hs.134795:AI090359

35

F-PLACE1007454//Homo sapiens (clone s153) mRNA fragment//2.6e-53:317:93//Hs.6445:
L40391

40 F-PLACE1007460//ESTs//0.0012:168:64//Hs.151708:AA554714

F-PLACE1007478//ESTs//1.0e-42:440:74//Hs.141722:AA769103

45 F-PLACE1007484//ESTs//7.1e-18:127:91//Hs.100251:AA535975

F-PLACE1007488

50 F-PLACE1007507//ESTs//1.2e-99:27 4:98//Hs.123462:AA903385

F-PLACE1007511//Keratin 19//4.2e-31:586:64//Hs.23761:Y00503

55 F-PLACE1007524//ESTs//6.8e-71:356:97//Hs.163067:AA897296

F-PLACE1007525//ESTs//0.073:242:59//Hs.128711:AA856979

EP 1 074 617 A2

- 5 F-PLACE1007537//Homo sapiens PYRIN (MEFV) mRNA, complete cds//0.93:468:57//Hs.113283:AF018080
- F-PLACE1007544//ESTs//1.7e-74:360:98//Hs.128632:AI076755
- 10 F-PLACE1007547//Homo sapiens mRNA for KIAA0661 protein, complete cds//1.0e-70:733:71//Hs.65238:AB014561
- F-PLACE1007557//EST//0.58:80:72//Hs.130267:AI001863
- 15 F-PLACE1007583//ESTs//1.8e-46:234:98//Hs.155071:AA584257
- F-PLACE1007598//ESTs//1.7e-83:400:99//Hs.120206:AI089163
- 20 F-PLACE1007618//Homo sapiens mRNA for KIAA0633 protein, partial cds//7.2e-12:778:56//Hs.33010:AB014533
- F-PLACE1007621
- 25 F-PLACE1007632//ESTs//1.7e-32:175:97//Hs.122278:AA781867
- F-PLACE1007645
- 30 F-PLACE1007649
- F-PLACE1007677//ESTs//3.0e-13:125:82//Hs.143382:AA476266
- 35 F-PLACE1007688//ESTs//6.8e-06:311:61//Hs.132926:AI027055
- F-PLACE1007690//ESTs//1.9e-13:83:98//Hs.150088:AI348503
- 40 F-PLACE1007697//TRANSFORMING GROWTH FACTOR BETA 1 PRECURSOR//0.99:216:63//Hs.1103:X02812
- 45 F-PLACE1007705//Human mRNA for RTP, complete cds//4.8e-58:637:70//Hs.75789:D87953
- F-PLACE1007706//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds//4.1e-149:709:97//Hs.4812:AF061243
- 50 F-PLACE1007725//ESTs, Weakly similar to No definition line found [C.elegans]//4.5e-36:233:89//Hs.108797:AA476815
- 55 F-PLACE1007729//ESTs, Moderately similar to RETRO VIRUS-RELATED PROTEASE [H.sapiens]//0.00033:270:64//Hs.104129:AA923278

EP 1 074 617 A2

F-PLACE1007730//Homo sapiens mRNA for KIAA0685 protein, complete cds//2.6e-156:728:98//Hs.153121:AB014585

5 F-PLACE1007737//Coagulation factor II (thrombin) receptor//1.1e-18:364:68//Hs.159347:M62424

F-PLACE1007743//ESTs//0.029:421:58//Hs.106090:AA457030

10 F-PLACE1007746//ESTs//6.7e-55:330:89//Hs.153392:AI089469

F-PLACE1007791//EST//0.39:261:62//Hs.145991:AI277656

15 F-PLACE1007807//ESTs//2.0e-54:385:83//Hs.163930:AA640504

F-PLACE1007810//ESTs//6.1e-53:416:81//Hs.152395:AA533107

20 F-PLACE1007829//EST//0.28:271:61//Hs.125514:AA883841

F-PLACE1007843//EST//0.020:307:59//Hs.145535:AI261635

25 F-PLACE1007846//Human Line-1 repeat mRNA with 2 open reading frames//6.3e-38:396:77//Hs.23094:M19503

30 F-PLACE1007852

F-PLACE1007858//Homo sapiens mRNA for KIAA0766 protein, complete cds//1.3e-190:894:98//Hs.28020:AB018309

35 F-PLACE1007866//ESTs//3.0e-50:333:86//Hs.15792:AI038387

F-PLACE1007877

40 F-PLACE1007897//EST//1.0:59:72//Hs.138770:N70943

F-PLACE1007908//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487//7.3e-156:755:97//Hs.92381:AB007956

45 F-PLACE1007946//ESTs//8.9e-16:250:68//Hs.88527:N24002

50 F-PLACE1007954//ESTs//1.6e-05:76:90//Hs.63314:AA056538

F-PLACE1007955//Homo sapiens cyclin-D binding Myb-like protein mRNA, complete cds//8.9e-173:813:98//Hs.5671:AF084530

55 F-PLACE1007958//Homo sapiens cAMP-specific phosphodiesterase 8B (PDE8B) mRNA, partial cds//8.2e-155:730:98//Hs.78106:AF079529

EP 1 074 617 A2

F-PLACE1007969//ESTs, Weakly similar to hnRNA-binding protein M4 [H.sapiens]//5.1e-45:
 264:92//Hs.42222:W28567
 5 F-PLACE1007990//ESTs//1.2e-104:493:99//Hs.118445:AI097043
 F-PLACE1008000//Homo sapiens vcl 1 mRNA, complete cds//5.7e-63:578:74//Hs.150380:
 10 AF087693
 F-PLACE1008002//ESTs//0.52:236:59//Hs.134292:AA603031
 15 F-PLACE1008044
 F-PLACE1008045//COL10A1//0.29:221:58//Hs.37075:X60382
 20 F-PLACE1008080//Human homeodomain protein (Prox 1) mRNA, complete cds//0.00037:
 151:71//Hs.159437:U44060
 F-PLACE1008095//Human hybrid receptor gp250 precursor mRNA, complete cds//1.0:461:
 25 58//Hs.155494:U60975
 F-PLACE1008111//Homo sapiens B lymphocyte chemoattractant BLC mRNA, complete
 30 cds//0.034:497:58//Hs.100431:AF044197
 F-PLACE1008122//ESTs//0.95:198:60//Hs.126776:N28769
 F-PLACE1008129//ESTs//1.1e-99:499:96//Hs.131807:AA778874
 35 F-PLACE1008132//EST//3.3e-27:218:83//Hs.145258:AI218683
 F-PLACE1008177//ESTs, Moderately similar to meiosis-specific nuclear structural protein 1
 40 [M.musculus]//5.1e-20:124:95//Hs.146238:AI263135
 F-PLACE1008181//ESTs//0.018:285:61//Hs.88843:AA281427
 45 F-PLACE1008198//ESTs//5.9e-07:410:60//Hs.63348:AA643524
 F-PLACE1008201
 50 F-PLACE1008209
 F-PLACE1008231//ESTs//0.40:188:61//Hs.130266:AI001856
 55 F-PLACE1008244//Miller-Dieker syndrome chromosome region//0.22:247:61//Hs.77318:
 L13385

EP 1 074 617 A2

F-PLACE1008273

F-PLACE1008275//EST//0.77:74:71//Hs.145907:AI275113

5

F-PLACE1008280//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0501//2.6e-25:389:70//Hs.159897:AB007970

10

F-PLACE1008309//Homo sapiens serine phosphatase FCP1a (FCP1) mRNA, complete cds//0.16:263:63//Hs.4076:AF081287

F-PLACE1008329//EST//1.3e-09:94:85//Hs.144135:R82071

15

F-PLACE1008330//Homo sapiens mRNA for KIAA0557 protein, partial cds//1.5e-45:291:83//Hs.101414:AB011129

20

F-PLACE1008331//ESTs, Weakly similar to ORF2-like protein [H.sapiens]//5.4e-74:356:98//Hs.105382:AA496362

F-PLACE1008356//Homo sapiens mRNA for KIAA0679 protein, partial cds//3.4e-139:659:98//Hs.5734:AB014579

25

F-PLACE1008368//Homo sapiens actin binding protein MAYVEN mRNA, complete cds//0.011:355:60//Hs.122967:AF059569

30

F-PLACE1008369//ESTs//0.00074:443:61//Hs.102756:AA526911

F-PLACE1008392//EST//7.4e-08:324:60//Hs.149930:AI289171

35

F-PLACE1008398

F-PLACE1008401//Homo sapiens methyl-CpG binding protein MBD2 (MBD2) mRNA, complete cds//2.5e-09:461:62//Hs.25674:AF072242

40

F-PLACE1008402//Homo sapiens mRNA for p115, complete cds//1.4e-149:711:98//Hs.7763:D86326

45

F-PLACE1008405//ESTs//2.8e-102:529:95//Hs.116278:AA628943

F-PLACE1008424//Human DNA sequence from clone 753P9 on chromosome Xq25-26.1. Contains the gene coding for Aminopeptidase P (EC 3.4.11.9, XAA-Pro/X-Pro/Proline/Aminoacylproline Aminopeptidase) and a novel gene. Contains ESTs, STSs, GSSs and a gaaa repeat polymorphism//0.98:113:67//Hs.57922:AL023653

50

F-PLACE1008426//ESTs//3.2e-77:393:95//Hs.37585:W28499

55

F-PLACE1008429//Orf1 5' to PD-ECGF/TP...orf2 5' to PD-ECGF/TP [human, epidermoid

EP 1 074 617 A2

carcinoma cell line A431, mRNA, 3 genes, 1718 nt//0.019:530:58//Hs.72248:S72487

F-PLACE1008437

5

F-PLACE1008455//ESTs//0.51:279:61//Hs.122319:AA782335

F-PLACE1008457//ESTs//3.0e-30:229:75//Hs.60740:AA053901

10

F-PLACE1008465//Human mRNA for KIAA0383 gene, partial cds//0.0084:210:63//Hs.27590:AB002381

15

F-PLACE1008488//Human density enhanced phosphatase-1 mRNA, complete cds//6.8e-07:469:60//Hs.1177:U10886

20

F-PLACE1008524//Homo sapiens TWIK-related acid-sensitive K⁺ channel (TASK) mRNA, complete cds//1.0:304:60//Hs.24040:AF006823

F-PLACE1008531//ESTs//1.1e-17:190:76//Hs.156041:AI274697

25

F-PLACE1008532//Thromboxane A2 receptor//5.6e-17:231:71//Hs.89887:D38081

F-PLACE1008533//Homo sapiens PAC clone DJ130H16 from 22q12.1-qter//1.1e-45:507:71//Hs.8003:AC004997

30

F-PLACE1008568//Homo sapiens mRNA for neuronatin alpha, complete cds//1.0:95:71//Hs.117546:U31767

35

F-PLACE1008584//ESTs//1.4e-13:252:68//Hs.153429:AI283069

F-PLACE1008603//Homo sapiens mRNA for KIAA0791 protein, complete cds//3.9e-175:812:98//Hs.23255:AB018334

40

F-PLACE1008621//ESTs, Weakly similar to reverse transcriptase [H.sapiens]//1.2e-15:350:66//Hs.151087:AA649326

45

F-PLACE1008625//ESTs//0.86:269:57//Hs.94998:N26794

F-PLACE1008626//ESTs//0.55:69:71//Hs.92096:F10560

50

F-PLACE1008627//ESTs//3.0e-62:302:99//Hs.120766:H82458

F-PLACE1008629//EST//0.0012:174:67//Hs.121195:AA757211

55

F-PLACE1008630//ESTs//4.5e-77:371:99//Hs.132960:AA252394

F-PLACE1008643//Human mRNA for PK-120//4.7e-25:299:64//Hs.76415:D38535

EP 1 074 617 A2

- 5 F-PLACE1008650//Homo sapiens pleiotropic regulator 1 (PLRG1) mRNA, complete
cgs//3.5e-135:622:99//Hs.147967:AF044333
- F-PLACE1008693//EST//0.19:36:94//Hs.138817:N93728
- 10 F-PLACE1008696//Human mitochondrial NADH dehydrogenase-ubiquinone Fe-S protein 8,
23 kDa subunit precursor (NDUFS8) nuclear mRNA encoding mitochondrial protein, complete
cgs//8.3e-25:137:97//Hs.90443:AF038406
- 15 F-PLACE1008715//Homo sapiens mRNA for matrilin-3//0.99:183:63//Hs.119534:AJ224741
- F-PLACE1008748//ESTs//0.88:204:63//Hs.15139:AA527080
- 20 F-PLACE1008757//ESTs, Weakly similar to unknown protein [R.norvegicus]//4.3e-17:285:
69//Hs.35460:H65503
- 25 F-PLACE1008790//Homo sapiens importin alpha 7 subunit mRNA, complete cds//1.4e-121:
503:97//Hs.6458:AF060543
- F-PLACE1008798//ESTs, Weakly similar to putative p150 [H.sapiens]//0.30:127:
68//Hs.111380:AA258772
- 30 F-PLACE1008807//ESTs//0.81:346:58//Hs.116901:AA663542
- 35 F-PLACE1008808//Homo sapiens putative checkpoint control protein HRAD1 mRNA,
complete cds//6.7e-104:376:98//Hs.7179:AF011905
- F-PLACE1008813//Glutamate decarboxylase 1 (brain, 67kD)//0.17:318:61//Hs.75668:M81883
- 40 F-PLACE1008851//ESTs, Highly similar to CELL DIVISION CONTROL PROTEIN 2
HOMOLOG [Plasmodium falciparum (isolate k1 / thailand)]//0.73:354:59//Hs.26322:AA156858
- F-PLACE1008854//ESTs//3.0e-26:391:66//Hs.133260:AI052728
- 45 F-PLACE1008867//ESTs//5.9e-08:64:93//Hs.91115:AI221563
- 50 F-PLACE1008887//Human Line-1 repeat mRNA with 2 open reading frames//5.5e-51:701:
68//Hs.23094:M19503
- F-PLACE1008902//EST//0.85:425:60//Hs.140573:AA826323
- 55 F-PLACE1008920//Homo sapiens mRNA for KIAA0765 protein, partial cds//2.1e-159:753:
98//Hs.62318:AB018308
- F-PLACE1008925//ESTs//0.025:133:67//Hs.103218:W84771

EP 1 074 617 A2

F-PLACE1008934//ESTs//0.27:307:59//Hs.135168:AI394026

5 F-PLACE1008941//ESTs//3.3e-53:266:98//Hs.108677:AA488937

F-PLACE1008947//Human TBP-associated factor (hTAFII130) mRNA, partial cds//2.4e-13:
625:58//Hs.24644:U75308

10 F-PLACE1009020//ESTs//3.3e-11:122:81//Hs.131777:AI024950

F-PLACE1009027//Homo sapiens mRNA for doublecortin//1.2e-151:763:96//Hs.34780:
AJ003112

15 F-PLACE1009039//EST//0.76:111:63//Hs.160997:H55762

F-PLACE1009045//ESTs//2.2e-76:399:95//Hs.114919:AA457689

20 F-PLACE1009048//GLYCOPROTEIN HORMONES ALPHA CHAIN PRECURSOR//2.6e-16:93:
100//Hs.119689:S70585

25 F-PLACE1009050//ESTs//1.4e-92:451:98//Hs.66373:AI239698

F-PLACE1009060//ESTs//1.4e-14:86:100//Hs.131725:AI090525

30 F-PLACE1009090//ESTs//2.7e-20:198:78//Hs.110044:AA181800

F-PLACE1009091//ESTs//0.99:342:57//Hs.46903:AI093091

35 F-PLACE1009094//ESTs//1.0:225:63//Hs.120374:AI337031

F-PLACE1009099//H.sapiens ZNF81 gene//2.2e-79:733:74//Hs.104020:X68011

40 F-PLACE1009110//ESTs//2.6e-91:453:96//Hs.143756:AI040890

F-PLACE1009111//ESTs//2.7e-15:159:77//Hs.146811:AA410788

45 F-PLACE1009113//Homo sapiens X-ray repair cross-complementing protein 3 (XRCC3)
mRNA, complete cds//1.1e-139:671:97//Hs.99742:AF035586

50 F-PLACE1009130//Human mRNA for KIAA0032 gene, complete cds//1.1e-24:718:
59//Hs.35804:D25215

F-PLACE1009150//Human HsLIM15 mRNA for HsLimf5, complete cds//1.7e-50:440:
78//Hs.37181:D64108

55 F-PLACE1009155//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0484//4.0e-

EP 1 074 617 A2

46:440:69//Hs.158095:AB007953

5 F-PLACE1009158//Human growth/differentiation factor 1 (GDF-1) mRNA, complete cds//0.28:
245:61//Hs.92614:M62302

F-PLACE1009166//EST//0.98:114:67//Hs.137706:AA977250

10 F-PLACE1009172//EST//6.2e-34:257:84//Hs.161081:N22770

F-PLACE1009174//ESTs//6.0e-24:234:77//Hs.155196:AI282821

15 F-PLACE1009183//EST//0.021:261:62//Hs.144222:N90100

F-PLACE1009186//ESTs, Weakly similar to No definition line found [C.elegans]//3.6e-117:
20 588:95//Hs.54943:Z78396

F-PLACE1009190//EST//0.046:95:70//Hs.131646:AI025689

25 F-PLACE1009200//EST//2.5e-41:195:78//Hs.162404:AA573131

F-PLACE1009230//CARCINOEMBRYONIC ANTIGEN PRECURSOR//5.3e-29:157:
77//Hs.146403:M29540

30 F-PLACE1009246//EST//0.13:178:62//Hs.23298:R22575

F-PLACE1009298//ESTs, Highly similar to VACUOLAR SORTING PROTEIN 35
35 [Saccharomyces cerevisiae]//1.9e-21:121:98//Hs.124768:AA307735

F-PLACE1009308//SERUM PROTEIN MSE55//0.44:195:62//Hs.148101:M88338

40 F-PLACE1009319//Homo sapiens post-synaptic density protein 95 (PSD95) mRNA,
complete cds//9.7e-08:411:59//Hs.23731:U83192

F-PLACE1009328//Human Line-1 repeat mRNA with 2 open reading frames//2.3e-91:594:
45 86//Hs.23094:M19503

F-PLACE1009335//EST//0.037:169:63//Hs.148875:AI240767

50 F-PLACE1009338//ESTs//5.7e-22:123:98//Hs.66783:AA059473

F-PLACE1009368

55 F-PLACE1009375

F-PLACE1009388//Homo sapiens KIAA0395 mRNA, partial cds//1.7e-41:317:81//Hs.43681:
AL022394

EP 1 074 617 A2

- F-PLACE1009398//Zinc finger protein 84 (HPF2)//1.4e-79:730:74//Hs.9450:M27878
- 5 F-PLACE1009404//MICROTUBULE-ASSOCIATED PROTEIN TAU//0.099:207:61//Hs.101174:AF047863
- 10 F-PLACE1009410//Homo sapiens BAF57 (BAF57) gene, complete cds//1.4e-27:210:86//Hs.3404:AF035262
- 15 F-PLACE1009434//Human mRNA for KIAA0005 gene, complete cds//2.8e-45:599:68//Hs.155291:D13630
- F-PLACE1009443//H.sapiens 5T4 gene for 5T4 Oncofetal antigen//0.11:350:58//Hs.82128:AJ012159
- 20 F-PLACE1009444//PHOSPHATIDYLINOSITOL 4-KINASE ALPHA//1.5e-22:146:93//Hs.76987:AF012872
- 25 F-PLACE1009459//H.sapiens gap gene mRNA, complete CDS//1.0:241:60//Hs.151641:Z24680
- 30 F-PLACE1009468//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE BETA 2//0.00039:347:60//Hs.994:M95678
- F-PLACE1009476//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-67A//4.1e-91:464:96//Hs.155049:AC004531
- 35 F-PLACE1009477//ESTs//0.30:221:61//Hs.107287:AI308839
- 40 F-PLACE1009493//Homo sapiens mRNA for LAK-4p, complete cds//1.6e-30:608:63//Hs.16165:AB002405
- F-PLACE1009524//Human Sec7p-like protein mRNA, partial cds//2.3e-68:526:78//Hs.8517:U70728
- 45 F-PLACE1009539//ESTs//3.3e-18:186:83//Hs.71922:AA148417
- F-PLACE1009542//EST//7.8e-11:265:65//Hs.159692:AI416956
- 50 F-PLACE1009571//ESTs//6.1e-15:94:97//Hs.151458:AA600866
- F-PLACE1009581//Microtubule-associated protein 1A//1.0:196:59//Hs.147918:U38291
- 55 F-PLACE1009595//EST//1.8e-28:179:92//Hs.60090:AA004806
- F-PLACE1009596//ESTs, Weakly similar to LIS-1 protein [H.sapiens]//4.1e-16:281:

EP 1 074 617 A2

66//Hs.13889:AI341394

5 F-PLACE1009607//Homo sapiens PYRIN (MEFV) mRNA, complete cds//4.9e-52:313:79//Hs.113283:AF018080

F-PLACE1009613//ESTs//0.50:297:60//Hs.25114:AI074011

10 F-PLACE1009621//ESTs//1.4e-98:470:98//Hs.124695:AI094085

F-PLACE1009622//ESTs//9.8e-14:94:93//Hs.117227:AA682773

15 F-PLACE1009637//ESTs//4.9e-92:440:98//Hs.126587:AA917087

F-PLACE1009639

20 F-PLACE1009659//Homo sapiens mRNA for KIAA0587 protein, complete cds//4.4e-173:816:98//Hs.21862:AB011159

25 F-PLACE1009665//ESTs//9.1e-45:383:79//Hs.61199:AA024494

F-PLACE1009670//Homo sapiens genethonin 1 mRNA, complete cds//8.1e-149:701:98//Hs.109590:AF062534

30 F-PLACE1009708//ESTs, Weakly similar to HYPOTHETICAL TRP-ASP REPEATS CONTAINING PROTEIN IN HXT14-PHA2 INTERGENIC REGION [S.cerevisiae]//7.5e-51:295:92//Hs.48541:AA827926

35 F-PLACE1009721//EST//0.18:467:58//Hs.124358:AA830650

F-PLACE1009731//ESTs//1.0:207:63//Hs.60440:AA195789

40 F-PLACE1009763//Homo sapiens UBA3 (UBA3) mRNA, complete cds//1.3e-126:602:98//Hs.154320:AF046024

45 F-PLACE1009794//ESTs//4.0e-41:252:91//Hs.42927:N20989

50 F-PLACE1009798//Human DNA sequence from clone 1189B24 on chromosome Xq25-26.3. Contains NADH-Ubiquinone Oxidoreductase MLRQ subunit (EC 1.6.5.3, EC 1.6.99.3, Cl-MLRQ), Tubulin Beta and Proto-oncogene Tyrosine-protein Kinase FER (EC 2.7.1.112, P94-FER, C-FER, TYK3) pseudogenes, and part of a novel gene similar to hypothetical proteins S. pombe C22F3.14C and C. elegans C16A3.8. Contains ESTs and GSSs//5.5e-130:600:95//Hs.16411:AL030996

55 F-PLACE1009845

F-PLACE1009861

EP 1 074 617 A2

F-PLACE1009879//ESTs//6.3e-12:293:66//Hs.147071:AI200021

5 F-PLACE1009886

F-PLACE1009888//EST//0.044:255:58//Hs.160695:AI282889

10 F-PLACE1009908

F-PLACE1009921//Apoptosis (APO-1) antigen 1//0.62:407:57//Hs.82359:X63717

15 F-PLACE1009924//EST//2.9e-29:155:99//Hs.162937:AA634379

F-PLACE1009925

20 F-PLACE1009935//CATHEPSIN K PRECURSOR//0.43:153:66//Hs.83942:X82153

F-PLACE1009947//ESTs//1.8e-07:56:100//Hs.149940:AI306446

25 F-PLACE1009971//Acyl-Coenzyme A dehydrogenase, C-2 to C-3 short chain//0.89:243:61//Hs.127610:Z80345

F-PLACE1009992//ESTs//0.99:123:68//Hs.91202:AI139114

30 F-PLACE1009995//ESTs, Weakly similar to C01A2.4 [C.elegans]//3.3e-24:174:88//Hs.11449:AI201540

35 F-PLACE1009997//Homo sapiens mRNA for KIAA0629 protein, partial cds//3.7e-36:196:96//Hs.153545:AB014529

F-PLACE1010023

40 F-PLACE1010031//ESTs//1.3e-16:132:87//Hs.46847:W02878

F-PLACE1010053//ESTs, Moderately similar to M-phase phosphoprotein 4 [H.sapiens]//5.2e-63:312:98//Hs.142151:AA984061

45 F-PLACE1010069//ESTs//6.6e-33:171:98//Hs.128844:AA977596

50 F-PLACE1010074//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds//5.9e-168:792:98//Hs.11183:AF065482

F-PLACE1010076//ESTs//0.88:379:55//Hs.5884:N21424

55 F-PLACE1010083//Homo sapiens mRNA for KIAA0456 protein, partial cds//9.6e-154:727:98//Hs.5003:AB007925

EP 1 074 617 A2

- 5 F-PLACE1010089//ESTs, Highly similar to PROBABLE UBIQUITIN CARBOXYL-TERMINAL
HYDROLASE [Mus musculus]//1.8e-38:212:95//Hs.98067:AA236822
- 10 F-PLACE1010096//ESTs, Highly similar to hypothetical protein, 100K [R.norvegicus]//1.8e-08:
100:89//Hs.11469:U69567
- 15 F-PLACE1010102//Homo sapiens stimulator of Fe transport mRNA, complete cds//0.0035:
339:60//Hs.129683:AF020761
- 20 F-PLACE1010105//Homo sapiens actin binding protein MAYVEN mRNA, complete cds//1.2e-
26:728:60//Hs.122967:AF059569
- F-PLACE1010106//EST//8.5e-28:394:70//Hs.142044:AA166682
- 25 F-PLACE1010134//H.sapiens hbrm mRNA//1.2e-14:380:64//Hs.77590:X72889
- F-PLACE1010148//Human trans-Golgi p230 mRNA, complete cds//0.26:708:57//Hs.158245:
U41740
- 30 F-PLACE1010152
- F-PLACE1010181//EST//1.3e-21:312:71//Hs.141501:N50792
- 35 F-PLACE1010194//ESTs//2.6e-55:284:97//Hs.155940:AA459582
- F-PLACE1010202//ESTs, Weakly similar to No definition line found [C.elegans]//2.3e-72:391:
94//Hs.35225:H69637
- 40 F-PLACE1010231
- F-PLACE1010261//Homo sapiens mRNA for KIAA0448 protein, complete cds//1.9e-146:693:
97//Hs.27349:AB007917
- 45 F-PLACE1010270//ESTs//2.0e-104:514:98//Hs.124062:H04590
- F-PLACE1010274//ESTs, Weakly similar to C01A2.4 [C.elegans]//6.8e-25:149:93//Hs.11449:
AI201540
- 50 F-PLACE1010293//EST//4.5e-36:358:74//Hs.162398:AA572813
- 55 F-PLACE1010310//HOMEBOX/POU DOMAIN PROTEIN RDC-1//2.1e-10:352:62//Hs.74095:
L20433
- F-PLACE1010321//Human hSIAH2 mRNA, complete cds//0.071:604:58//Hs.20191:U76248

EP 1 074 617 A2

F-PLACE1010324//ESTs//0.22:286:58//Hs.130853:AI367875

F-PLACE1010329//EST//5.7e-05:351:60//Hs.120644:AA742659

5 F-PLACE1010341//EST//4.5e-16:255:72//Hs.141206:H53117

F-PLACE1010362//ESTs//1.9e-41:246:92//Hs.128771:AA236855

10 F-PLACE1010364//EST//0.11:292:58//Hs.135771:AI005648

F-PLACE1010383//EST//6.1e-08:107:76//Hs.136441:AA564986

15 F-PLACE1010401

F-PLACE1010481//Human BLu protein (BLu) mRNA, complete cds//0.94:254:61//Hs.125257:
20 U70824

F-PLACE1010491//Homo sapiens Cre binding protein-like 2 mRNA, complete cds//7.2e-152:
25 702:99//Hs.13313:AF039081

F-PLACE1010492//ESTs//1.0:201:60//Hs.146036:AI038500

F-PLACE1010522//ESTs//3.9e-52:263:97//Hs.125149:AI302100

30 F-PLACE1010529//Homo sapiens chromodomain-helicase-DNA-binding protein mRNA,
complete cds//1.0:175:64//Hs.159273:AF054177

35 F-PLACE1010547//ESTs//0.96:288:57//Hs.87156:AA233472

F-PLACE1010562//EST//1.0:164:66//Hs.147868:AI222979

40 F-PLACE1010579//EST//0.39:279:58//Hs.158960:AI380148

F-PLACE1010580//ESTs, Moderately similar to PUTATIVE ATP-DEPENDENT RNA HELICASE
45 C12C2.06 [Schizosaccharomyces pombe]//3.8e-31:193:91//Hs.145229:N44661

F-PLACE1010599//Homo sapiens peroxisomal membrane anchor protein HsPex14p
(PEX14) mRNA, complete cds//9.9e-148:707:97//Hs.19851:AF045186

50 F-PLACE1010616//EST//3.1e-43:213:100//Hs.128215:AA972394

F-PLACE1010622//NUCLEOLIN//0.00040:282:60//Hs.79110:M60858

55 F-PLACE1010624//Homo sapiens Jagged 2 mRNA, complete cds//1.2e-05:516:
61//Hs.106387:AF029778

EP 1 074 617 A2

F-PLACE1010628//EST, Weakly similar to line-1 protein ORF2 [H.sapiens]//0.012:258:62//Hs.144375:AA484200

5 F-PLACE1010629//EST//8.3e-23:218:79//Hs.161975:AA501461

F-PLACE1010630//EST//0.29:319:58//Hs.137277:N62225

10 F-PLACE1010631//Homo sapiens mRNA for KIAA0530 protein, partial cds//9.5e-66:363:95//Hs.10801:AB011102

F-PLACE1010661//ESTs//3.9e-89:504:92//Hs.122666:W27076

15

F-PLACE1010662

20 F-PLACE1010702//Human repressor transcriptional factor (ZNF85) mRNA, complete cds//1.1e-74:697:74//Hs.37138:U35376

F-PLACE1010714//EST//0.018:253:59//Hs.148028:AI270027

25 F-PLACE1010720//Homo sapiens chromosome-associated protein-C (hCAP-C) mRNA, partial cds//6.1e-77:393:96//Hs.50758:AF092564

30 F-PLACE1010739//Homo sapiens mRNA for Sec24 protein (Sec24A isoform), partial//0.97:314:59//Hs.14574:AJ131244

35 F-PLACE1010743//Human myosin-IXb mRNA, complete cds//2.4e-56:409:86//Hs.159629:U42391

F-PLACE1010761//ESTs, Weakly similar to U1 SMALL NUCLEAR RIBONUCLEOPROTEIN 70 KD [Xenopus laevis]//5.1e-80:407:96//Hs.80965:AA493284

40 F-PLACE1010771//ESTs, Highly similar to TRANSCRIPTIONAL REGULATOR PROTEIN HCNGP [Mus musculus]//6.0e-45:251:94//Hs.11379:AA594140

F-PLACE1010786

45

F-PLACE1010800

F-PLACE1010802//EST//0.94:128:64//Hs.120366:AA719157

50

F-PLACE1010811//ESTs//0.89:339:59//Hs.127314:N48085

55 F-PLACE1010833//ESTs, Weakly similar to allograft inflammatory factor-1 [H.sapiens]//2.9e-28:245:79//Hs.132736:AA583494

F-PLACE1010856//ESTs//1.5e-06:95:87//Hs.17401:W81048

EP 1 074 617 A2

F-PLACE1010857//ESTs, Weakly similar to KIAA0157 gene product is novel.
[H.sapiens]//5.8e-67:336:97//Hs.130135:AA905493

5 F-PLACE1010870//Zinc finger protein 43 (HTF6)//9.7e-40:498:69//Hs.74107:X59244

F-PLACE1010877//Homo sapiens mRNA for KIAA0610 protein, partial cds//3.7e-149:694:
10 98//Hs.118087:AB011182

F-PLACE1010891//ESTs//6.9e-54:377:87//Hs.24453:R31671

15 F-PLACE1010896//Human homologue of yeast sec7 mRNA, complete cds//0.64:167:
65//Hs.1050:M85169

F-PLACE1010900

20 F-PLACE1010916//EST//0.55:151:66//Hs.145800:AI269981

F-PLACE1010917

25 F-PLACE1010925//ESTs//2.6e-81:437:94//Hs.5876:H26537

F-PLACE1010926//Homo sapiens mRNA for KIAA0554 protein, partial cds//3.1e-139:653:
30 98//Hs.74750:AB011126

F-PLACE1010942//Homo sapiens intersectin short form mRNA, complete cds//2.9e-91:437:
35 98//Hs.66392:AF064244

F-PLACE1010944//ESTs//1.3e-17:117:91//Hs.29444:W30985

F-PLACE1010947//EST//0.97:93:72//Hs.162299:AA555154

40 F-PLACE1010954//Apolipoprotein B (including Ag(x) antigen)//0.28:444:59//Hs.585:X04506

F-PLACE1010960//ESTs//0.98:238:60//Hs.163674:AA506632

45 F-PLACE1010965//ESTs//3.1e-74:376:96//Hs.115679:AI379721

F-PLACE1011026//EST//0.022:222:60//Hs.47154:N50931

50 F-PLACE1011032//EST//1.1e-05:88:79//Hs.118024:N34032

F-PLACE1011041//Human density enhanced phosphatase-1 mRNA, complete cds//0.28:
55 179:67//Hs.1177:U10886

F-PLACE1011046//1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE

EP 1 074 617 A2

PHOSPHODIESTERASE BETA 2//6.2e-11:207:68//Hs.994:M95678

5 F-PLACE1011054//H.sapiens OBF-1 mRNA for octamer binding factor 1//6.1e-35:310:
78//Hs.2407:Z49194

10 F-PLACE1011056//Human putative serine/threonine protein kinase PRK (prk) mRNA,
complete cds//0.74:228:61//Hs.153640:U56998

F-PLACE1011057//EST//2.5e-80:388:98//Hs.126466:AA913320

15 F-PLACE1011090//ESTs//1.4e-94:469:97//Hs.106448:R76663

F-PLACE1011109//ESTs//0.13:303:62//Hs.49294:AA418037

20 F-PLACE1011114//ESTs//5.8e-12:75:100//Hs.147422:AI214317

F-PLACE1011133//ESTs//0.17:225:62//Hs.132853:AI370857

25 F-PLACE1011143//ESTs//0.013:264:63//Hs.115368:AA629949

F-PLACE1011160

30 F-PLACE1011165//Galactokinase 2//2.7e-32:194:92//Hs.129228:M84443

F-PLACE1011185//EST//1.4e-34:261:83//Hs.140250:AA708114

35 F-PLACE1011203//Homo sapiens chromosome 18q11 beta-1,4-galactosyltransferase
mRNA, complete cds//6.9e-124:576:99//Hs.159140:AF038664

40 F-PLACE1011214//ESTs, Weakly similar to B0035.14 [C.elegans]//9.7e-101:469:99//Hs.8241:
AA283057

F-PLACE1011219//ESTs, Weakly similar to coded for by C. elegans cDNA CEESL70F
[C.elegans]//2.6e-62:221:88//Hs.101821:W27452

45 F-PLACE1011221//ESTs//0.46:238:62//Hs.32853:AA015751

50 F-PLACE1011229//Homo sapiens mRNA for KIAA0529 protein, partial cds//1.4e-147:675:
99//Hs.23168:AB011101

F-PLACE1011263//Homo sapiens BAC clone GS166A23 from 7p21//5.9e-71:350:
98//Hs.15144:AC005014

55 F-PLACE1011273//ESTs//1.0:222:59//Hs.35274:AA495803

F-PLACE1011291//Homo sapiens clone 24712 unknown mRNA, partial cds//3.4e-09:191:

EP 1 074 617 A2

65//Hs.140950:AF070637

- 5 F-PLACE1011296//ESTs//0.019:137:63//Hs.140654:AA865915
- F-PLACE1011310//EST//0.066:336:58//Hs.162529:AA584160
- 10 F-PLACE1011325//ESTs//7.4e-43:229:96//Hs.21081:H08310
- F-PLACE1011332//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds//4.8e-151:696:99//Hs.5819:AF102265
- 15 F-PLACE1011340//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0501//1.5e-20:120:81//Hs.159897:AB007970
- F-PLACE1011371//Human mRNA for PK-120//9.5e-35:684:63//Hs.76415:D38535
- 20 F-PLACE1011375//ESTs, Moderately similar to potassium channel protein Raw3 [R.norvegicus]//6.7e-68:325:99//Hs.107245:AA627053
- 25 F-PLACE1011399//ESTs//8.6e-05:285:61//Hs.130105:AA904868
- F-PLACE1011419//ESTs//0.70:240:62//Hs.159650:N95552
- 30 F-PLACE1011433//Homo sapiens mRNA for KIAA0530 protein, partial cds//1.5e-158:743:98//Hs.10801:AB011102
- F-PLACE1011452//Human Line-1 repeat mRNA with 2 open reading frames//1.9e-53:557:72//Hs.23094:M19503
- 35 F-PLACE1011465//EST//3.1e-58:380:85//Hs.131605:AI025204
- 40 F-PLACE1011472//Homo sapiens mRNA for KIAA0712 protein, complete cds//1.5e-152:703:99//Hs.111138:AB018255
- F-PLACE1011477//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds//1.7e-146:675:99//Hs.11183:AF065482
- 45 F-PLACE1011492//ESTs//2.0e-35:186:98//Hs.125886:AA884264
- 50 F-PLACE1011503//EST//0.67:149:65//Hs.149774:AI285997
- F-PLACE1011520//ESTs//0.00014:213:64//Hs.119889:AA705319
- 55 F-PLACE1011563//ESTs//2.2e-61:394:86//Hs.117718:AA883476
- F-PLACE1011567//Homo sapiens DEC-205 mRNA, complete cds//3.1e-46:325:

EP 1 074 617 A2

84//Hs.153563:AF011333

5 F-PLACE1011576//Homo sapiens hematopoietic cell derived zinc finger protein mRNA,
complete cds//4.3e-67:268:86//Hs.86371:AF054180

10 F-PLACE1011586//Homo sapiens hLRpl05 mRNA for LDL receptor related protein 105,
complete cds//0.98:153:65//Hs.143641:AB009462

F-PLACE1011635//Homo sapiens Jagged 2 mRNA, complete cds//0.00029:585:
57//Hs.106387:AF029778

15 F-PLACE1011641

F-PLACE1011643//Homo sapiens mRNA for KIAA0293 gene, partial cds//0.00058:499:
58//Hs.12784:AB006631

20 F-PLACE1011646//EST//3.2e-26:201:68//Hs.140349:AA757661

F-PLACE1011649//ESTs//0.25:145:64//Hs.23033:R46086

25 F-PLACE1011650//ESTs//0.041:96:77//Hs.119351:AA447745

F-PLACE1011664//Human mRNA for stac, complete cds//1.0:245:60//Hs.56045:D86640

30 F-PLACE1011675//Cell division cycle 27//0.098:448:57//Hs.73151:S78234

F-PLACE1011682//EST//9.6e-06:119:72//Hs.93664:N23366

35 F-PLACE1011719//Human mRNA for KIAA0352 gene, complete cds//0.92:365:60//Hs.17262:
AB002350

40 F-PLACE1011725

F-PLACE1011729//EST//0.56:304:58//Hs.86378:AA210853

45 F-PLACE1011749//ESTs//4.3e-88:443:96//Hs.132850:AA779891

F-PLACE1011762//ESTs//0.012:149:68//Hs.145075:AI208240

50 F-PLACE1011778//ESTs//0.00016:199:64//Hs.160395:AI393693

F-PLACE1011783//EST//1.0:119:66//Hs.162191:AA534660

55 F-PLACE1011858//Human novel homeobox mRNA for a DNA binding protein//8.9e-05:477:
59//Hs.37035:U07664

EP 1 074 617 A2

F-PLACE1011874//EST//0.20:118:66//Hs.127351:AA954775

5 F-PLACE1011875//Homo sapiens mRNA for KIAA0580 protein, partial cds//5.3e-110:526:98//Hs.22572:AB011152

F-PLACE1011891//ESTs//1.8e-58:397:88//Hs.84698:AA725913

10 F-PLACE1011896//ESTs, Weakly similar to Y53C12A.3 [C.elegans]//9.4e-09:478:56//Hs.107747:AI357868

F-PLACE1011922//ESTs//0.49:249:62//Hs.152627:AA595817

15 F-PLACE1011923//Homo sapiens serum-inducible kinase mRNA, complete cds//3.7e-140:664:98//Hs.3838:AF059617

20 F-PLACE1011962//EST//1.7e-07:81:85//Hs.104333:AA250763

F-PLACE1011964//EST//6.6e-38:412:74//Hs.140562:AA826514

25 F-PLACE1011982//ESTs//0.40:405:60//Hs.127743:AI261591

F-PLACE1011995//ESTs//1.7e-22:486:64//Hs.105157:AA527514

30 F-PLACE1012031//Homo sapiens mRNA for KIAA0713 protein, partial cds//4.0e-148:690:98//Hs.88756:AB018256

35 F-PLACE2000003//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487//6.5e-54:290:81//Hs.92381:AB007956

F-PLACE2000006//ESTs//0.067:224:62//Hs.144100:AI205503

40 F-PLACE2000007//ESTs//8.1e-23:147:91//Hs.128530:AA325330

F-PLACE2000011//Interleukin 10//4.2e-42:362:78//Hs.2180:M57627

45 F-PLACE2000014//EST//0.10:214:61//Hs.160247:AI138831

F-PLACE2000015//Interleukin 10//1.4e-44:393:78//Hs.2180:M57627

50 F-PLACE2000017

F-PLACE2000021//Homo sapiens TRF1-interacting ankyrin-related ADP-ribose polymerase mRNA, partial cds//5.7e-85:844:72//Hs.7928:AF082557

55 F-PLACE2000030

EP 1 074 617 A2

F-PLACE2000033//Human. adhesion molecule ninjurin mRNA, complete cds//0.85:234:66//Hs.11342:U91512

5 F-PLACE2000034//Homo sapiens mRNA for KIAA0607 protein, partial cds//0.058:348:62//Hs.94653:AB011179

10 F-PLACE2000039//Human plectin (PLEC1) mRNA, complete cds//0.0058:473:59//Hs.79706:U53204

F-PLACE2000047//ESTs//4.9e-32:328:75//Hs.141024:H07128

15 F-PLACE2000050//ESTs//3.0e-36:270:83//Hs.155512:AA663966

F-PLACE2000061

20 F-PLACE2000062//Human membrane-associated lectin type-C mRNA//2.9e-114:662:86//Hs.23759:M98457

25 F-PLACE2000072//Homo sapiens ZNF202 alpha (ZNF202) mRNA, complete cds//7.1e-135:631:98//Hs.9443:AF027219

F-PLACE2000097//ESTs//0.021:117:70//Hs.132811:AI034333

30 F-PLACE2000100

F-PLACE2000103//ESTs//1.1e-56:284:98//Hs.144786:AI219219

35 F-PLACE2000111//H.sapiens mRNA for l-acylglycerol-3-phosphate O-acyltransferase//0.76:215:65//Hs.6587:U56417

40 F-PLACE2000115

F-PLACE2000124//Human mRNA for KIAA0355 gene, complete cds//2.8e-49:400:79//Hs.153014:AB002353

45 F-PLACE2000132

50 F-PLACE2000136//ESTs, Moderately similar to hypothetical protein [H.sapiens]//1.2e-08:245:64//Hs.140343:AA718911

F-PLACE2000140//Adenylate kinase 2 (adk2)//3.7e-24:162:90//Hs.83833:U54645

55 F-PLACE2000164

F-PLACE2000170

EP 1 074 617 A2

F-PLACE2000172//ESTs//0.64:239:62//Hs.31175:AI219179

F-PLACE2000176

F-PLACE2000187

F-PLACE2000216

F-PLACE2000223//EST//0.0092:171:60//Hs.162830:AA643933

F-PLACE2000235//Human mRNA for KIAA0298 gene, complete cds//1.6e-38:792:63//Hs.21560:AB002296

F-PLACE2000246//Homo sapiens mRNA for KIAA0795 protein, partial cds//1.5e-74:367:98//Hs.22926:AB018338

F-PLACE2000264//Homo sapiens mRNA for KIAA0792 protein, complete cds//2.0e-29:366:73//Hs.119387:AB007958

F-PLACE2000274//Homo sapiens mRNA for dynein heavy chain//1.0e-23:650:62//Hs.144672:AJ000522

F-PLACE2000302//ESTs//1.7e-05:66:89//Hs.55572:W37560

F-PLACE2000305//ESTs//1.6e-78:382:98//Hs.136731:AA745869

F-PLACE2000317

F-PLACE2000335//Fc fragment of IgE, high affinity I, receptor for; beta polypeptide//6.1e-24:295:76//Hs.30:M89796

F-PLACE2000341//Human sodium iodide symporter mRNA, complete cds//6.8e-21:593:61//Hs.103983:U66088

F-PLACE2000342//Centromere protein B (80kD)//1.4e-06:326:61//Hs.85004:X05299

F-PLACE2000347//ESTs, Moderately similar to F18547_1 [H.sapiens]//3.7e-16:139:82//Hs.28209:AI073817

F-PLACE2000359//ESTs//5.0e-19:251:71//Hs.58272:W76645

F-PLACE2000366//ESTs//1.7e-37:399:75//Hs.136646:AA748045

F-PLACE2000371//EST//0.65:107:65//Hs.157677:AI358861

F-PLACE2000373//ESTs//0.30:207:59//Hs.143902:AI131032

EP 1 074 617 A2

F-PLACE2000379//ESTs//1.3e-64:402:87//Hs.146307:AA584638

5 F-PLACE2000394//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0484//1.0e-87:694:80//Hs.158095:AB007953

F-PLACE2000398

10 F-PLACE2000399

F-PLACE2000404

15 F-PLACE2000411

F-PLACE2000419//Homo sapiens PYRIN (MEFV) mRNA, complete cds//8.0e-52:463:74//Hs.113283:AF018080

20 F-PLACE2000425//EST//0.44:168:62//Hs.44677:N34966

F-PLACE2000427

25 F-PLACE2000433//ESTs//4.7e-18:213:74//Hs.110187:AA699719

F-PLACE2000435//EST//4.7e-05:159:64//Hs.123604:AA815257

30 F-PLACE2000438//H.sapiens mRNA for UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase (T2)//1.9e-20:418:64//Hs.130181:X85019

35 F-PLACE2000450//Homo sapiens PYRIN (MEFV) mRNA, complete cds//4.0e-83:324:81//Hs.113283:AF018080

40 F-PLACE2000455//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!! [H.sapiens]//4.0e-05:100:73//Hs.104239:AA488082

F-PLACE2000458//H.sapiens mRNA for hFat protein//0.0010:545:57//Hs.91107:X87241

45 F-PLACE2000465//ESTs//4.4e-38:377:75//Hs.55855:AA621381

F-PLACE2000477//Homo sapiens PYRIN (MEFV) mRNA, complete cds//1.8e-68:520:81//Hs.113283:AF018080

50 F-PLACE3000004//Human EYA3 homolog (EYA3) mRNA, complete cds//3.9e-14:204:73//Hs.46925:Y10262 ,

55 F-PLACE3000009//Human mRNA for KIAA0386 gene, complete cds//4.8e-59:696:69//Hs.101359:AB002384

EP 1 074 617 A2

- 5 F-PLACE3000020//Prostaglandin 12 (prostacyclin) receptor (IP)//0.00081:500:61//Hs.393:
D38128
- F-PLACE3000029
- 10 F-PLACE3000059//ESTs//0.0026:49:100//Hs.42913:AI082248
- F-PLACE3000070//ESTs//5.6e-15:202:74//Hs.154993:AA142842
- 15 F-PLACE3000103//Homo sapiens cofactor of initiator function (CIF150) mRNA, complete
cds//1.0:186:62//Hs.122752:AF026445
- F-PLACE3000119//Homo sapiens mRNA for KIAA0752 protein, partial cds//2.8e-48:283:
83//Hs.23711:AB018295
- 20 F-PLACE3000121
- F-PLACE3000124//Thromboxane A2 receptor//1.1e-55:195:83//Hs.89887:D38081
- 25 F-PLACE3000136//Homo sapiens mRNA for KIAA0703 protein, complete cds//1.0:194:
59//Hs.6168:AB014603
- 30 F-PLACE3000142//EST//0.41:179:59//Hs.137438:AA282243
- F-PLACE3000145//ESTs//3.5e-25:145:96//Hs.163950:AA683016
- 35 F-PLACE3000147//EST//5.0e-43:285:86//Hs.160895:AI365871
- F-PLACE3000148
- 40 F-PLACE3000155//Homo sapiens mRNA for KIAA0672 protein, complete cds//5.6e-80:382:
99//Hs.6336:AB014572
- F-PLACE3000156//ESTs//0.00015:277:62//Hs.156834:AI336023
- 45 F-PLACE3000157//Calcium channel, voltage-dependent, P/Q type, alpha 1A subunit//0.54:
320:60//Hs.96253:U79666
- 50 F-PLACE3000158//Homo sapiens mRNA for KIAA0575 protein, complete cds//4.9e-66:319:
88//Hs.153468:AB011147
- F-PLACE3000160
- 55 F-PLACE3000169//Small inducible cytokine A5 (RANTES)//1.3e-64:501:80//Hs.155464:
AF088219

EP 1 074 617 A2

F-PLACE3000194

5 F-PLACE3000197

F-PLACE3000199//EST//1.0:108:68//Hs.98488:AA426546

10 F-PLACE3000207//EST//1.0e-32:184:75//Hs.160146:AI049975

F-PLACE3000208//CLASS II HISTOCOMPATIBILITY ANTIGEN, M ALPHA CHAIN
 PRECURSOR//1.0:271:61//Hs.77522:X62744

15 F-PLACE3000218//EST//1.3e-46:317:84//Hs.162197:AA535216

F-PLACE3000220//EST//9.3e-95:443:99//Hs.112702:AA609377

20 F-PLACE3000221//Homo sapiens DNA fragmentation factor 40 kDa subunit (DFF40) mRNA,
 complete cds//9.2e-56:200:85//Hs.133089:AF064019

25 F-PLACE3000226

F-PLACE3000230//EST//6.1e-16:173:72//Hs.148578:AI201568

30 F-PLACE3000242//Human DNA sequence from clone 1409 on chromosome Xp11.1-11.4.
 Contains a Inter-Alpha-Trypsin Inhibitor Heavy Chain LIKE gene, a alternatively spliced
 Melanoma-Associated Antigen MAGE LIKE gene and a 6-Phosphofructo-2-kinase (Fructose-2,
 6-bisphosphatase) LIKE pseudogene. Contains ESTs, STSs and genomic marker

35 DXS8032//1.2e-54:434:80//Hs.4943:Z98046

F-PLACE3000244

40 F-PLACE3000254//NUCLEOLIN//2.6e-05:445:60//Hs.79110:M60858

F-PLACE3000271//ESTs//1.6e-25:195:72//Hs.108452:H78650

45 F-PLACE3000276//ESTs//1.0e-13:274:66//Hs.28589:AI004944

F-PLACE3000304//EST//0.043:210:61//Hs.132378:AI026770

50 F-PLACE3000310

F-PLACE3000320//EST//1.2e-12:188:70//Hs.145771:AI269586

55 F-PLACE3000322//Small inducible cytokine A5 (RANTES)//4.7e-29:252:80//Hs.155464:
 AF088219

EP 1 074 617 A2

F-PLACE3000331

5 F-PLACE3000339//Homo sapiens mRNA for KIAA0645 protein, complete cds//0.91:222:61//Hs.155987:AB014545

F-PLACE3000341//EST//1.8e-05:394:58//Hs.112894:AA620741

10 F-PLACE3000350//ESTs, Highly similar to SERINE/THREONINE-PROTEIN KINASE SULU [Caenorhabditis elegans]//2.9e-59:474:77//Hs.125850:AA885355

15 F-PLACE3000352//H.sapiens OBF-1 mRNA for octamer binding factor 1//2.5e-48:442:78//Hs.2407:Z49194

F-PLACE3000353//H.sapiens mRNA for UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase (T1)//0.78:234:63//Hs.7498:U41514

20 F-PLACE3000362//EST//6.5e-25:302:73//Hs.140504:AA810441

F-PLACE3000363

25 F-PLACE3000365//ESTs//0.81:200:60//Hs.141556:N49928

F-PLACE3000373//ESTs//0.0071:82:73//Hs.136310:AA442641

30 F-PLACE3000388//ESTs//7.9e-16:235:71//Hs.44701:AA830432

F-PLACE3000399//Clathrin, light polypeptide (Lcb)//5.2e-70:391:81//Hs.73919:X81637

35 F-PLACE3000400//ESTs//0.53:162:66//Hs.49303:AA810785

F-PLACE3000401//EST//2.3e-35:178:100//Hs.162851:AA632270

40 F-PLACE3000402//ESTs//2.4e-84:425:96//Hs.148962:AI219715

F-PLACE3000405//EST//2.1e-39:452:73//Hs.140414:AA778541

45 F-PLACE3000406//Homo sapiens apoptotic protease activating factor 1 (Apaf-1) mRNA, complete cds//1.9e-07:116:78//Hs.77579:AF013263

50 F-PLACE3000413//ESTs, Weakly similar to methyl sterol oxidase [H.sapiens]//1.6e-51:260:98//Hs.122512:H61502

55 F-PLACE3000416//Homo sapiens mRNA for KIAA0801 protein, complete cds//0.00020:630:57//Hs.17585:AB018344

F-PLACE3000425//EST//3.8e-34:286:79//Hs.135301:AI039161

EP 1 074 617 A2

- 5 F-PLACE3000455//Homo sapiens mRNA for cytochrome b small subunit of complex II, complete cds//3.6e-32:183:93//Hs.108326:AB006202
- F-PLACE3000475//ESTs//1.9e-09:422:61//Hs.145783:AA081874
- 10 F-PLACE3000477//H.sapiens mRNA for chemokine receptor D6//1.0:426:54//Hs.117572:U94888
- F-PLACE4000009//TRICHOHYALIN//3.1e-09:692:60//Hs.82276:L09190
- 15 F-PLACE4000014//Homo sapiens mRNA for KIAA0809 protein, partial cds//3.6e-118:331:100//Hs.105399:AB018352
- 20 F-PLACE4000034//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-69G12//1.1e-06:244:63//Hs.154050:AC004131
- F-PLACE4000049//Homo sapiens clone 24619 mRNA sequence//4.3e-45:371:79//Hs.139088:AF070533
- 25 F-PLACE4000052//Human ATP binding cassette transporter (ABCR) mRNA, complete cds//1.4e-53:669:67//Hs.40993:AF000148
- 30 F-PLACE4000063
- F-PLACE4000089//ESTs//2.2e-10:121:85//Hs.49391:W00713
- 35 F-PLACE4000093//ESTs//0.0053:273:60//Hs.136952:AA825819
- F-PLACE4000100//ESTs//8.0e-21:246:73//Hs.140207:N32058
- 40 F-PLACE4000106//Homo sapiens mRNA for KIAA0462 protein, partial cds//3.8e-147:684:99//Hs.129937:AB007931
- 45 F-PLACE4000128//Homo sapiens ES/130 mRNA, complete cds//0.23:398:60//Hs.98614:AF006751
- F-PLACE4000129
- 50 F-PLACE4000131//ESTs//2.4e-13:194:72//Hs.41418:H90627
- F-PLACE4000147//ESTs//0.0060:324:60//Hs.85640:AA535856
- 55 F-PLACE4000156//Zinc finger protein 136 (clone pHZ-20)//2.3e-89:764:76//Hs.69740:U09367
- F-PLACE4000192

EP 1 074 617 A2

F-PLACE4000211

5 F-PLACE4000222//EST//1.9e-15:317:66//Hs.149206:AI246594

F-PLACE4000230//Human mRNA for KIAA0331 gene, complete cds//0.0048:258:60//Hs.146395:AB002329

10 F-PLACE4000233//ESTs//4.4e-38:240:80//Hs.114605:AI304317

F-PLACE4000247//Homo sapiens mitochondrial outer membrane protein (TOM40) mRNA, nuclear gene encoding mitochondrial protein, complete cds//0.0095:156:69//Hs.30928:AF043250

15 F-PLACE4000250//ESTs//3.8e-72:377:94//Hs.124234:T89609

20 F-PLACE4000252//ESTs//1.0:196:64//Hs.144869:AA493886

F-PLACE4000259//Homo sapiens mRNA for KIAA0788 protein, partial cds//6.2e-27:191:87//Hs.2397:Z70200

25 F-PLACE4000261

F-PLACE4000269//ESTs, Weakly similar to coded for by C. elegans cDNA yk52b10.3 [C.elegans]//9.5e-41:202:100//Hs.118849:AA215645

30 F-PLACE4000270

35 F-PLACE4000300

F-PLACE4000320//FKBP-RAPAMYCIN ASSOCIATED PROTEIN//4.5e-23:135:96//Hs.155952:U88966

40 F-PLACE4000323//EST//6.7e-09:180:68//Hs.116769:AA630365

45 F-PLACE4000326//ESTs//2.1e-94:453:98//Hs.103177:W72798

F-PLACE4000344//EST//6.4e-05:135:67//Hs.146729:AI147292

50 F-PLACE4000367

F-PLACE4000369

55 F-PLACE4000379//EST//3.9e-42:381:79//Hs.162335:AA564256

F-PLACE4000387//ESTs//0.19:93:69//Hs.154173:AI379823

EP 1 074 617 A2

F-PLACE4000392//ESTs//0.0015:381:59//Hs.120172:AA709046

5 F-PLACE4000401//Homo sapiens mRNA for KIAA0640 protein, partial cds//3.1e-47:605:71//Hs.153026:AB014540

10 F-PLACE4000411//ESTs, Moderately similar to plakophilin 2b [H.sapiens]//4.7e-33:159:81//Hs.154257:AI275982

15 F-PLACE4000431//Homo sapiens mRNA for KIAA0788 protein, partial cds//1.3e-45:263:92//Hs.2397:Z70200

F-PLACE4000445

F-PLACE4000450

20

F-PLACE4000465//ESTs//1.5e-11:273:65//Hs.145783:AA081874

25 F-PLACE4000487//Sialophorin (gpL115, leukosialin, CD43)//3.0e-14:189:71//Hs.80738:X52075

F-PLACE4000489//ESTs//0.94:104:68//Hs.125119:R38951

30

F-PLACE4000494//ESTs//1.0:185:60//Hs.143053:AI126289

F-PLACE4000521//ESTs//0.0027:161:70//Hs.135740:AA651731

35

F-PLACE4000522//ESTs, Highly similar to NEUROGENIC LOCUS NOTCH PROTEIN HOMOLOG 1 PRECURSOR [Homo sapiens]//0.047:119:65//Hs.129053:AA767022

F-PLACE4000548

40

F-PLACE4000558//Homo sapiens mRNA for DFFRY protein, abundant transcript//0.0035:510:59//Hs.39163:AF000986

45

F-PLACE4000581

F-PLACE4000590//ESTs, Highly similar to POL POLYPROTEIN [Friend murine leukemia virus (isolate 57)]//3.4e-13:275:68//Hs.113980:AI034080

50

F-PLACE4000593//ESTs, Weakly similar to F25D7.1 [C.elegans]//5.2e-28:239:79//Hs.109084:AI004675

55

F-PLACE4000612//Keratin 9//0.27:207:64//Hs.2783:Z29074

F-PLACE4000638//Homo sapiens mRNA from chromosome 5q21-22, clone:sF2//3.5e-47:

EP 1 074 617 A2

562:69//Hs.129685:AB002446

F-PLACE4000650

F-PLACE4000654

F-PLACE4000670//ESTs//6.1e-88:411:100//Hs.130688:AI028132

F-SKNMC1000011//Centromere protein B (80kD)//0.0013:243:62//Hs.85004:X05299

F-SKNMC1000013//ESTs, Highly similar to MULTIDRUG RESISTANCE PROTEIN HOMOLOG
50 [Drosophila melanogaster]//2.5e-36:197:96//Hs.118634:U66688

F-SKNMC1000046//Homo sapiens mRNA for KIAA0654 protein, partial cds//2.5e-148:706:
98//Hs.109299:AB014554

F-SKNMC1000050//Calpain, large polypeptide L2//4.1e-53:330:90//Hs.76288:M23254

F-SKNMC1000091//ESTs//3.3e-64:420:88//Hs.90997:AA946877

F-THYRO1000017//Human mRNA for KIAA0315 gene, partial cds//1.0:310:60//Hs.3989:
AB002313

F-THYRO1000026//H.sapiens OBF-1 mRNA for octamer binding factor 1//2.9e-35:299:
81//Hs.2407:Z49194

F-THYRO1000034

F-THYRO1000035//ESTs//4.1e-37:317:79//Hs.141254:AI334099

F-THYRO1000040//ESTs//0.30:331:59//Hs.87176:AI148326

F-THYRO1000070//Human mRNA for KIAA0347 gene, complete cds//0.069:278:
63//Hs.101996:AB002345

F-THYRO1000072//Homo sapiens clone 23584 mRNA sequence//8.7e-86:722:77//Hs.6654:
AB014557

F-THYRO1000085

F-THYRO1000092//ESTs//3.1e-100:469:99//Hs.132207:AI148065

F-THYRO1000107

F-THYRO1000111//Human Line-1 repeat mRNA with 2 open reading frames//6.8e-106:690:
86//Hs.23094:M19503

EP 1 074 617 A2

F-THYRO1000121

5 F-THYRO1000124//Human mRNA for alanine aminotransferase//0.0026:420:58//Hs.103502:U70732

10 F-THYRO1000129//Homo sapiens TED protein (TED).mRNA, complete cds//2.8e-155:732:98//Hs.87619:AF087142

F-THYRO1000132//ESTs//1.9e-35:164:79//Hs.139179:AA650203

15 F-THYRO1000156//EST//0.32:102:68//Hs.139634:AA478416

20 F-THYRO1000163//Small inducible cytokine A5 (RANTES)//5.2e-50:331:85//Hs.155464:AF088219

F-THYRO1000173//Human clathrin assembly protein 50 (AP50) mRNA, complete cds//1.1e-05:261:61//Hs.152936:D63475

25 F-THYRO1000186//H.sapiens mRNA for phosphoinositide 3-kinase//3.7e-41:270:87//Hs.101238:Y11312

30 F-THYRO1000187//EST//0.11:227:62//Hs.101773:H23270

F-THYRO1000190//ESTs//0.82:194:63//Hs.128818:AA976883

35 F-THYRO1000197//Homo sapiens mRNA for poly(A)-specific ribonuclease//2.4e-175:805:99//Hs.43445:AJ005698

40 F-THYRO1000199//Homo sapiens mRNA for KIAA0652 protein, complete cds//4.0e-88:616:84//Hs.79672:AB014552

F-THYRO1000206//EST//0.96:291:61//Hs.104962:AA443848

45 F-THYRO1000221//Human clone 23589 mRNA sequence//0.035:242:62//Hs.11506:U79297

F-THYRO1000241//EST//0.48:102:69//Hs.160764:AI313322

50 F-THYRO1000242//Zinc finger protein 84 (HPF2)//1.2e-42:534:64//Hs.9450:M27878

F-THYRO1000253//Homo sapiens mRNA for KIAA0690 protein, partial cds//0.61:211:64//Hs.60103:AB014590

55 F-THYRO1000270

F-THYRO1000279//ESTs//0.0020:104:72//Hs.121476:AI215500

EP 1 074 617 A2

- F-THYRO1000288//Homo sapiens mRNA for Hs Ste24p, complete cds//1.3e-180:848:98//Hs.25846:AB016068
- 5 F-THYRO1000320//ESTs, Weakly similar to Similar to glutamate decarboxylase [C.elegans]//7.6e-92:431:99//Hs.122719:AA777803
- 10 F-THYRO1000327//Autocrine motility factor receptor//2.8e-52:290:93//Hs.80731:M63175
- F-THYRO1000343//Homo sapiens mRNA for KIAA0790 protein, partial cds//7.2e-164:763:98//Hs.12002:AB018333
- 15 F-THYRO1000358//Human selenium-binding protein (hSBP) mRNA, complete cds//6.9e-34:177:84//Hs.7833:U29091
- 20 F-THYRO1000368//ESTs//0.0011:55:96//Hs.34994:AA252919
- F-THYRO1000381//Homo sapiens mRNA for KIAA0562 protein, complete cds//0.081:240:62//Hs.118401:AB011134
- 25 F-THYRO1000387//EST//3.6e-14:197:71//Hs.139399:AA416855
- F-THYRO1000394//ESTs, Weakly similar to No definition line found [C.elegans]//5.8e-39:245:91//Hs.119095:T79413
- 30 F-THYRO1000395//EST//5.8e-69:333:99//Hs.156524:AA724572
- 35 F-THYRO1000401//ESTs//1.8e-24:132:98//Hs.54852:W26238
- F-THYRO1000438//EST//1.9e-05:217:63//Hs.115930:AA579773
- 40 F-THYRO1000452//B cell lymphoma protein 6 (zinc finger protein 51)//0.096:306:60//Hs.155024:U00115
- 45 F-THYRO1000471//Tyrosine aminotransferase//5.6e-44:403:77//Hs.2999:X52520
- F-THYRO1000484//EST, Weakly similar to putative p150 [H.sapiens]//8.9e-22:248:76//Hs.162011:AA513663
- 50 F-THYRO1000488
- F-THYRO1000501//H.sapiens Staf50 mRNA//3.2e-75:615:77//Hs.68054:X82200
- 55 F-THYRO1000502//ESTs//1.0:350:57//Hs.119749:AA689298
- F-THYRO1000505//Interleukin 13//0.95:245:60//Hs.845:U31120

EP 1 074 617 A2

- F-THYRO1000558//EST//1.3e-24:351:64//Hs.142326:AA351877
- 5 F-THYRO1000569//Homo sapiens mRNA for dihydropyrimidinase related protein 4, complete cds//0.28:229:61//Hs.100058:AB006713
- 10 F-THYRO1000570//EST//0.80:171:61//Hs.112790:AA609949
- F-THYRO1000585//Homo sapiens protein associated with Myc mRNA, complete cds//2.4e-168:808:97//Hs.151411:AF075587
- 15 F-THYRO1000596//EST//9.5e-94:461:96//Hs.135397:AI056322
- F-THYRO1000602//EST//4.9e-06:80:80//Hs.162135:AA526331
- 20 F-THYRO1000605//Guanylate cyclase 1, soluble, alpha 2//0.44:182:62//Hs.2685:Z50053
- F-THYRO1000625//Thromboxane A2 receptor//4.5e-45:323:82//Hs.89887:D38081
- 25 F-THYRO1000637//ESTs//4.4e-24:255:75//Hs.101014:AA194941
- F-THYRO1000641//ESTs//0.00017:375:58//Hs.32703:AA054125
- 30 F-THYRO1000658//CD4 receptor {exons 1 and 2} [human, T-lymphocyte, mRNA, 3429 nt]//1.8e-09:127:77//Hs.116007:S79267
- 35 F-THYRO1000662
- F-THYRO1000666//ESTs//1.9e-28:149:99//Hs.105187:AI394157
- 40 F-THYRO1000676//CD4 receptor {exons 1 and 2} [human, T-lymphocyte, mRNA, 3429 nt]//5.7e-49:281:77//Hs.116007:S79267
- F-THYRO1000684//ESTs, Weakly similar to band-6-protein [H.sapiens]//0.46:368:57//Hs.26557:AA480380
- 45 F-THYRO1000699//ESTs//1.6e-10:314:65//Hs.139212:AA243452
- 50 F-THYRO1000712//ESTs//3.3e-42:211:99//Hs.69330:AI056324
- F-THYRO1000715//Human plectin (PLEC1) mRNA, complete cds//2.9e-06:631:59//Hs.79706:U53204
- 55 F-THYRO1000734//ESTs//8.4e-08:226:64//Hs.125754:AA806085
- F-THYRO1000748//Homo sapiens KIAA0411 mRNA, complete cds//3.1e-35:339:

EP 1 074 617 A2

74//Hs.7977:AB007871

5 F-THYRO1000756//Homo sapiens protocadherin (PCDH8) mRNA, complete cds//1.0:209:62//Hs.19492:AF061573

10 F-THYRO1000777//Human mRNA for KIAA0147 gene, partial cds//0.00069:636:57//Hs.158132:D63481

F-THYRO1000783//Homo sapiens Arp2/3 protein complex subunit p41-Arc (ARC41) mRNA, complete cds//0.70:452:58//Hs.11538:AF006084

15 F-THYRO1000787

F-THYRO1000793

20 F-THYRO1000796

F-THYRO1000805//Homo sapiens mRNA from chromosome 5q21-22, clone:sF2//9.4e-36:561:68//Hs.129685:AB002446

25 F-THYRO1000815//Human mRNA for KIAA0118 gene, partial cds//1.2e-45:465:75//Hs.154326:D42087

30 F-THYRO1000829//ESTs//1.7e-66:361:95//Hs.7906:H16339

F-THYRO1000843

35 F-THYRO1000852//ESTs//6.2e-23:204:81//Hs.144452:AA838788

F-THYRO1000855//ESTs//0.049:159:64//Hs.163532:AI424170

40 F-THYRO1000865//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//3.0e-33:190:75//Hs.133526:N21103

45 F-THYRO1000895//ESTs//3.8e-24:191:84//Hs.132722:AA618531

F-THYRO1000916//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487//1.8e-43:318:79//Hs.92381:AB007956

50 F-THYRO1000926//Homo sapiens cAMP-specific phosphodiesterase 8B (PDE8B) mRNA, partial cds//3.0e-179:839:98//Hs.78106:AF079529

55 F-THYRO1000934//PYRROLINE-5-CARBOXYLATE REDUCTASE//1.1e-33:759:63//Hs.79217:M77836

F-THYRO1000951//MUELLERIAN INHIBITING FACTOR PRECURSOR//0.055:662:

EP 1 074 617 A2

56//Hs.112432:AC005263

5 F-THYRO1000952//Human mRNA for KIAA0208 gene, complete cds//0.98:177:65//Hs.83558:
D86963

10 F-THYRO1000974//Homo sapiens putative ATP-dependent mitochondrial RNA helicase
(SUV3) mRNA, nuclear gene encoding mitochondrial protein, complete cds//2.7e-15:123:
90//Hs.106469:AF042169

F-THYRO1000975//EST//0.45:172:62//Hs.105449:AA513907

15 F-THYRO1000983

F-THYRO1000984//EST//0.0075:119:65//Hs.150347:AA984646

20 F-THYRO1000988//ESTs//0.056:99:71//Hs.153409:AI224307

F-THYRO1001003

25 F-THYRO1001031//Thiopurine S-methyltransferase//3.8e-44:568:71//Hs.51124:AF019369

F-THYRO1001033//H.sapiens mRNA for cyclin II//0.0061:287:60//Hs.3232:Z46788

30 F-THYRO1001062//ISLET AMYLOID POLYPEPTIDE PRECURSOR//3.2e-45:394:
79//Hs.51048:X68830

35 F-THYRO1001093//Human mRNA for KIAA0355 gene, complete cds//3.4e-33:421:
72//Hs.153014:AB002353

40 F-THYRO1001100//Human DNA-binding protein mRNA, 3'end//2.1e-74:741:74//Hs.159249:
Z99130

F-THYRO1001120//Homo sapiens deltex (Dx) mRNA, complete cds//4.5e-18:447:
62//Hs.124024:AF053700

45 F-THYRO1001121//ESTs//0.92:257:61//Hs.118246:N95416

F-THYRO1001133//EST//1.1e-38:367:75//Hs.144175:H70425

50 F-THYRO1001134//ESTs//1.4e-28:186:91//Hs.109468:W52074

F-THYRO1001142//ESTs//1.8e-44:332:82//Hs.146811:AA410788

55 F-THYRO1001173

F-THYRO1001177//ESTs//7.7e-40:240:84//Hs.155384:Z78385

EP 1 074 617 A2

- F-THYRO1001189//ESTs//2.1e-36:323:76//Hs.120206:AI089163
- 5 F-THYRO1001204
- F-THYRO1001213//Small inducible cytokine A5 (RANTES)//3.1e-43:256:81//Hs.155464:AF088219
- 10 F-THYRO1001262//ESTs//7.9e-44:279:87//Hs.138856:H47461
- F-THYRO1001271//Homo sapiens mRNA for synaptogyrin 3//0.0045:273:60//Hs.6467:AJ002309
- 15 F-THYRO1001287//Homo sapiens alpha 1,2-mannosidase IB mRNA, complete cds//0.014:178:66//Hs.125315:AF027156
- 20 F-THYRO1001290//ESTs//3.9e-43:145:99//Hs.147797:AA069836
- F-THYRO1001313//ESTs//1.0:244:61//Hs.127488:AA528182
- 25 F-THYRO1001320//ESTs//0.062:126:67//Hs.133296:AI311872
- F-THYRO1001321//Homo sapiens DEC-205 mRNA, complete cds//2.5e-35:560:68//Hs.153563:AF011333
- 30 F-THYRO1001322//ESTs//0.12:238:61//Hs.29169:N66545
- 35 F-THYRO1001347//ESTs//7.5e-61:293:99//Hs.129962:AA927207
- F-THYRO1001363//ESTs//1.0e-16:178:78//Hs.163954:N57939
- 40 F-THYRO1001365//Homo sapiens KIAA0417 mRNA, complete cds//3.6e-18:187:79//Hs.12385:AB007877
- F-THYRO1001374//Homo sapiens mRNA for KIAA0707 protein, partial cds//7.4e-157:740:97//Hs.138488:AB014607
- 45 F-THYRO1001401//EST//4.6e-14:171:76//Hs.157587:AI356993
- 50 F-THYRO1001403//ESTs//2.2e-50:464:79//Hs.118046:N49946
- F-THYRO1001405//ESTs//1.7e-44:226:98//Hs.156667:AI347694
- 55 F-THYRO1001406//Hydroxysteroid (17-beta) dehydrogenase 3//2.8e-20:459:62//Hs.477:U05659

EP 1 074 617 A2

F-THYRO1001411//ESTs//1.9e-41:342:78//Hs.146811:AA410788

5 F-THYRO1001426//Human ring zinc-finger protein (ZNF127-Xp) gene and 5' flanking
sequence//4.6e-33:153:81//Hs.102877:U41315

F-THYRO1001434//ESTs//1.1e-07:274:60//Hs.151093:AI224099

10 F-THYRO1001458//Myosin, heavy polypeptide 9, non-muscle//6.2e-60:653:71//Hs.44782:
Z82215

15 F-THYRO1001480//SLET AMYLOID POLYPEPTIDE PRECURSOR//1.3e-42:370:
78//Hs.51048:X68830

F-THYRO1001487//EST//1.0:88:71//Hs.160760:AI311943

20 F-THYRO1001534//ESTs//1.2e-94:457:98//Hs.125523:AA883904

F-THYRO1001537//ESTs//3.5e-94:469:97//Hs.106448:R76663

25 F-THYRO1001541//EST//1.4e-10:158:65//Hs.145159:AI150211

F-THYRO1001559//ESTs//1.4e-07:91:81//Hs.43507:N24046

30 F-THYRO1001570//ESTs//2.3e-41:280:80//Hs.119752:AA703335

35 F-THYRO1001573//Homo sapiens clone 24778 unknown mRNA//2.7e-105:546:
95//Hs.25306:AF070572

F-THYRO1001584//Human RGP3 mRNA, complete cds//0.14:335:58//Hs.82294:U27655

40 F-THYRO1001595//Human RSU-1/RSP-1 mRNA, complete cds//3.6e-35:165:84//Hs.75551:
L12535

F-THYRO1001602//ESTs//3.1e-42:350:80//Hs.138384:R72849

45 F-THYRO1001605//EST//0.11:426:57//Hs.151206:AI126071

F-THYRO1001617//ESTs//5.2e-43:345:81//Hs.8710:W07046

50 F-THYRO1001637//ESTs, Weakly similar to anion exchanger [H.sapiens]//5.2e-13:108:
86//Hs.141045:AA191659

55 F-THYRO1001656//Solute carrier family 2 (facilitated glucose transporter), member 4//0.099:
540:55//Hs.95958:M91463

F-THYRO1001661//ESTs//0.12:53:92//Hs.151586:W45568

EP 1 074 617 A2

- 5 F-THYRO1001671//Homo sapiens mRNA for 2'-5' oligoadenylate synthetase 59 kDa isoform//8.0e-166:780:98//Hs.118633:AJ225089
- F-THYRO1001673//Von Hippel-Lindau syndrome//4.6e-25:212:73//Hs.78160:AF010238
- 10 F-THYRO1001703//Homo sapiens clone 24767 mRNA sequence//0.27:421:57//Hs.122908:AF070552
- F-THYRO1001706//ESTs//1.8e-24:142:95//Hs.112536:AI147691
- 15 F-THYRO1001721//ESTs, Highly similar to RING CANAL PROTEIN [Drosophila melanogaster]//2.5e-51:296:92//Hs.3826:U69560
- F-THYRO100173 8//EST//6.9e-30:180:94//Hs.58641:W81229
- 20 F-THYRO1001745//ESTs//6.1e-49:244:98//Hs.97534:AA398813
- F-THYRO1001746//EST//0.96:119:63//Hs.144107:AI053590
- 25 F-THYRO1001772//ESTS, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//2.2e-21:182:81//Hs.118053:N75725
- 30 F-THYRO1001793//ESTs//1.9e-93:439:99//Hs.150116:AI299324
- F-THYRO1001809//Human mRNA for KIAA0297 gene, partial cds//0.47:168:67//Hs.11711:AB002295
- 35 F-THYRO1001828
- F-THYRO1001854//EST//0.038:128:67//Hs.160649:AI241823
- 40 F-THYRO1001895//Intercellular adhesion molecule 1 (CD54), human rhinovirus receptor//9.6e-13:288:65//Hs.51061:M24283
- 45 F-THYRO1001907//EST//1.9e-12:126:80//Hs.139296:AA350198
- F-VESEN1000122
- 50 F-Y79AA1000013//ESTs//1.7e-72:369:96//Hs.97176:AA447885
- F-Y79AA1000033
- 55 F-Y79AA1000037//Murine leukemia viral (bmi-1) oncogene homolog//7.8e-21:230:66//Hs.431:L13689

EP 1 074 617 A2

F-Y79AA1000059//Homo sapiens immunophilin homolog ARA9 mRNA, complete cds//7.3e-40:629:64//Hs.75305:U78521

5 F-Y79AA1000065//CD81 ANTIGEN//0.0050:241:60//Hs.54457:M33680

F-Y79AA1000131//Guanylate cyclase 1, soluble, alpha 2//0.078:477:58//Hs.2685:Z50053

10 F-Y79AA1000181//Fatty acid synthase {3' region} [human, breast and HepG2 cells, mRNA Partial, 2237 nt]//0.0022:684:58//Hs.83190:U29344

F-Y79AA1000202//ESTs//2.5e-17:143:86//Hs.76925:AA211860

15

F-Y79AA1000214//Homo sapiens histone H2A.F/Z variant (H2AV) mRNA, complete cds//3.9e-73:345:100//Hs.9242:AF081192

20 F-Y79AA1000230//Polymeric immunoglobulin receptor//0.98:335:59//Hs.842:X73079

F-Y79AA1000231//ESTs//0.11:209:66//Hs.132184:AI278623

25 F-Y79AA1000258//Homo sapiens metase (MET-1) mRNA, complete cds//0.30:444:61//Hs.99941:L23134

30 F-Y79AA1000268//Human mRNA for KIAA0367 gene, partial cds//9.1e-11:300:64//Hs.23311:AB002365

F-Y79AA1000313//Human mRNA for KIAA0129 gene, complete cds//0.89:744:56//Hs.44361:D50919

35

F-Y79AA1000328

40 F-Y79AA1000342//Homo sapiens OPA-containing protein mRNA, complete cds//8.4e-15:223:75//Hs.85313:AF071309

F-Y79AA1000346

45 F-Y79AA1000349//ALPHA-2C-1 ADRENERGIC RECEPTOR//8.3e-06:180:73//Hs.123022:J03853

F-Y79AA1000355

50

F-Y79AA1000368//ESTs//0.0062:235:64//Hs.114777:AA782908

F-Y79AA1000405//ESTs//0.76:244:62//Hs.153027:AA648897

55

F-Y79AA1000410//Small inducible cytokine A5 (RANTES)//8.1e-31:229:83//Hs.155464:AF088219

EP 1 074 617 A2

- F-Y79AA1000420//ESTs//1.1e-53:271:87//Hs.13056:AA181018
- 5 F-Y79AA1000469//Homo sapiens I-1 receptor candidate protein mRNA, complete
cds//0.0047:315:66//Hs.26285:AF082516
- F-Y79AA1000480
- 10 F-Y79AA1000538//ESTs//5.7e-09:110:77//Hs.98790:AA284871
- F-Y79AA1000539//ESTs//2.6e-52:412:77//Hs.81648:W26521
- 15 F-Y79AA1000540//Homo sapiens chromosome 7q22 sequence//0.70:133:69//Hs.151555:
AF053356
- 20 F-Y79AA1000560//Homo sapiens gamma2-adaptin (G2AD) mRNA, complete cds//1.2e-07:
371:63//Hs.8991:AF068706
- F-Y79AA1000574//Human mRNA for GC box binding protein, complete cds//0.95:258:
25 62//Hs.150557:D31716
- F-Y79AA1000589//Homo sapiens clone 614 unknown mRNA, complete sequence//2.8e-154:
755:97//Hs.21811:AF091080
- 30 F-Y79AA10006277//Homo sapiens zinc finger protein (ZF5128) mRNA, complete cds//1.7e-
136:644:98//Hs.60580:AF060503
- 35 F-Y79AA1000705//Homo sapiens CHD1 mRNA, complete cds//0.0023:523:59//Hs.22670:
AF006513
- F-Y79AA1000734//Homo sapiens peroxisomal biogenesis factor (PEX11b) mRNA, complete
40 cds//1.6e-181:850:98//Hs.83023:AF093670
- F-Y79AA1000748//ESTs//4.2e-12:95:90//Hs.33687:R85969
- 45 F-Y79AA1000752//ESTs//8.1e-114:551:97//Hs.153471:AI198377
- F-Y79AA1000774//ESTs//2.9e-59:296:98//Hs.150536:W20067
- 50 F-Y79AA1000782//EST//0.97:78:69//Hs.147351:AI208468
- F-Y79AA1000784//Homo sapiens RanBP7/importin 7 mRNA, complete cds//1.1e-178:847:
97//Hs.5151:AF098799
- 55 F-Y79AA1000794//G-rich RNA sequence binding factor 1//0.83:228:61//Hs.79295:U07231

EP 1 074 617 A2

- F-Y79AA1000800//Homo sapiens GABA-B receptor mRNA, complete cds//0.12:244:60//Hs.12307:AF056085
- 5 F-Y79AA1000802//Homo sapiens actin binding protein MAYVEN mRNA, complete cds//0.87:466:59//Hs.122967:AF059569
- F-Y79AA1000805
- 10 F-Y79AA1000824//Titin//1.0:437:58//Hs.83049:X90568
- F-Y79AA1000827//Fatty acid synthase {3' region} [human, breast and HepG2 cells, mRNA Partial, 2237 nt]//0.0048:630:57//Hs.83190:U29344
- 15 F-Y79AA1000833//TUBULIN ALPHA-4 CHAIN//6.9e-107:603:90//Hs.75318:X06956
- 20 F-Y79AA1000850//ESTs, Weakly similar to T22C1.7 [C.elegans]//6.0e-77:368:99//Hs.86660:AA398644
- F-Y79AA1000962//Homo sapiens orphan nuclear hormone receptor BD73 mRNA, 3' end//0.14:499:58//Hs.37288:D16815
- 25 F-Y79AA1000966//ESTs//0.80:52:86//Hs.6671:AI341699
- 30 F-Y79AA1000968//ESTs, Moderately similar to initiation factor eIF-2B gamma subunit [R.norvegicus]//6.9e-69:310:94//Hs.76822:AI359536
- F-Y79AA1000969//LYMPHOTOXIN-BETA RECEPTOR PRECURSOR//1.0:150:64//Hs.1116:L04270
- 35 F-Y79AA1000976//Arachidonate 15-lipoxygenase//0.87:174:66//Hs.73809:M23892
- 40 F-Y79AA1000985//Human plectin (PLEC1) mRNA, complete cds//0.091:385:58//Hs.79706:U53204
- F-Y79AA1001023
- 45 F-Y79AA1001041//Human mutY homolog (hMYH) gene, complete cds//0.99:37:100//Hs.78489:U63329
- 50 F-Y79AA1001048//Acyl-Coenzyme A dehydrogenase, very long chain//8.7e-30:772:60//Hs.82208:L46590
- F-Y79AA1001061//ESTs//6.3e-41:303:84//Hs.55855:AA621381
- 55 F-Y79AA1001068//EST//3.0e-23:165:90//Hs.157607:AI357511

EP 1 074 617 A2

F-Y79AA1001077//ESTs//4.9e-40:237:94//Hs.11197:AA309047

F-Y79AA1001078

5

F-Y79AA1001105//Homo sapiens homeodomain protein (OG12) mRNA, complete cds//6.5e-11:247:66//Hs.55967:AF022654

10

F-Y79AA1001145//ESTs//1.3e-20:234:75//Hs.55855:AA621381

F-Y79AA1001167//Homo sapiens mRNA for KIAA0750 protein, complete cds//1.0:155:63//Hs.5444:AB018293

15

F-Y79AA1001177//Human hSIAH2 mRNA, complete cds//6.5e-09:299:65//Hs.20191:U76248

F-Y79AA1001185//ESTs//1.7e-56:318:93//Hs.102991:AA639646

20

F-Y79AA1001211//ESTs//9.1e-108:503:99//Hs.100605:AA305965

F-Y79AA1001216//Peroxisome receptor 1//0.00028:458:57//Hs.158084:Z48054

25

F-Y79AA1001228//Fragile X mental retardation 2//0.040:207:64//Hs.54472:U48436

F-Y79AA1001233//ESTRADIOL 17 BETA-DEHYDROGENASE 1//6.5e-25:731:60//Hs.85279:U34879

30

F-Y79AA1001236//Homo sapiens mRNA for JM23 protein, complete coding sequence (clone IMAGE 34581 and IMAGE 45355 and LLNLc110I133Q7 (RZPD Berlin))//4.0e-135:441:97//Hs.23170:AJ005892

35

F-Y79AA1001281//ESTs//2.7e-21:157:88//Hs.163825:AI393240

40

F-Y79AA1001299//Human Ini1 mRNA, complete cds//2.2e-116:323:93//Hs.155626:U04847

F-Y79AA1001312//ESTs//3.7e-95:448:99//Hs.104469:W38395

45

F-Y79AA1001323//ESTs//8.9e-50:340:86//Hs.144198:AI017555

F-Y79AA1001384

50

F-Y79AA1001391//Human Hoxb-13 mRNA, complete cds//8.6e-42:505:70//Hs.66731:U81599

F-Y79AA1001394//ESTs, Weakly similar to F54B3.3 [C.elegans]//1.5e-90:424:96//Hs.154221:H23167

55

F-Y79AA1001402//ESTs//1.0:245:62//Hs.134695:AI088489

EP 1 074 617 A2

F-Y79AA1001493//SRY (sex determining region Y)-box 4//0.38:311:61//Hs.83484:X70683

F-Y79AA1001511//ESTs//9.9e-105:487:99//Hs.153581:AA630465

5

F-Y79AA1001533//ESTs; Highly similar to RETROVIRUS-RELATED POL POLYPROTEIN
[Homo sapiens]//0.95:256:63//Hs.29974:AI360447

10

F-Y79AA1001541//EST//0.96:202:61//Hs.99141:AA447744

F-Y79AA1001548//ESTs//2.6e-25:166:90//Hs.164036:AA845659

15

F-Y79AA1001555//ESTs//1.6e-35:191:97//Hs.52885:H29851

F-Y79AA1001581//Cyclin-dependept kinase inhibitor 1C (p57, Kip2)//2.5e-05:272:
64//Hs.106070:U22398

20

F-Y79AA1001585//ESTs//1.1e-84:473:93//Hs.42547:AA210783

F-Y79AA1001594//ESTs//1.7e-08:169:71//Hs.97366:AA393109

25

F-Y79AA1001603//ESTs//4.6e-07:429:59//Hs.160422:AI363426

30

F-Y79AA1001613//Homo sapiens mRNA for KIAA0683 protein, complete cds//0.00078:520:
57//Hs.12334:AB014583

F-Y79AA1001647//ESTs, Weakly similar to ZK1058.5 [C.elegans]//9.4e-79:421:
94//Hs.107039:W27244

35

F-Y79AA1001665//VON WILLEBRAND FACTOR PRECURSOR//1.0:386:60//Hs.110802:
X04385

40

F-Y79AA1001679//Guanine nucleotide binding protein (G protein), beta polypeptide 1//0.88:
243:61//Hs.3620:X04526

45

F-Y79AA1001692//Insulin-like growth factor binding protein 2//1.9e-06:426:59//Hs.162:
X16302

F-Y79AA1001696//ESTs//2.3e-44:249:94//Hs.163665:AA250877

50

F-Y79AA1001705//Homo sapiens interleukin-1 receptor-associated kinase (IRAK) mRNA,
complete cds//0.19:609:58//Hs.77297:L76191

55

F-Y79AA1001711//ESTs//5.2e-29:224:83//Hs.100461:AI018620

F-Y79AA1001781//Homo sapiens KIAA0443 mRNA, complete cds//0.49:183:66//Hs.113082:
AB007903

EP 1 074 617 A2

F-Y79AA1001805//ESTs//1.1e-62:315:98//Hs.16141:W56079

5 F-Y79AA1001827//ESTs, Weakly similar to Similar to S.cerevisiae YD9335.03c protein
[H.sapiens]//2.9e-62:313:98//Hs.15709:W81213

F-Y79AA1001846//ESTs//9.4e-16:146:82//Hs.140588:H60533

10

F-Y79AA1001848//ESTs, Weakly similar to KIAA0390 [H.sapiens]//1.6e-19:142:
90//Hs.103349:AI141124

15 F-Y79AA1001866//Homo sapiens mRNA for zinc finger protein 10//5.1e-09:215:
67//Hs.104115:X52332

20 F-Y79AA1001874//Homo sapiens Jagged 2 mRNA, complete cds//5.4e-06:412:
62//Hs.106387:AF029778

F-Y79AA1001875//ESTs//6.8e-09:198:67//Hs.138036:AI343173

25 F-Y79AA1001923//Homo sapiens growth-arrest-specific protein (gas) mRNA, complete
cds//0.98:430:58//Hs.78501:L13720

F-Y79AA1001963//ESTs//8.1e-131:642:97//Hs.54971:AI424382

30

F-Y79AA1002027//ESTs//0.00042:58:91//Hs.5375:AA620611

F-Y79AA1002083//ESTs//2.5e-51:285:95//Hs.117205:W88943

35

F-Y79AA1002089//ESTs, Weakly similar to putative p150 [H.sapiens]//8.3e-53:348:
88//Hs.18122:AI338045

40 F-Y79AA1002093

F-Y79AA1002103//ESTs//1.5e-15:223:71//Hs.97427:AA411865

45

F-Y79AA1002115

F-Y79AA1002125//ESTs//6.5e-41:206:99//Hs.159257:N40395

50

F-Y79AA1002139//ESTs, Weakly similar to B0035.14 [C.elegans]//1.2e-24:165:90//Hs.6473:
AA853955

55 F-Y79AA1002204//Homo sapiens mRNA for KIAA0638 protein, partial cds//9.5e-05:393:
62//Hs.77864:AB014538

F-Y79AA1002208//ESTs//2.7e-13:211:69//Hs.112469:AA598515

EP 1 074 617 A2

- 5 F-Y79AA1002209//ESTs, Weakly similar to TYROSYL-TRNA SYNTHETASE [Bacillus caldotenax]//2.3e-113:568:96//Hs.111637:AA305890
- F-Y79AA1002210//ESTs, Weakly similar to D2045.8 [C.elegans]//8.6e-33:338:73//Hs.26662:U55984
- 10 F-Y79AA1002211//ESTs//2.6e-15:121:75//Hs.159584:AA524477
- F-Y79AA1002220//EST//0.010:360:60//Hs.136341:AA482508
- 15 F-Y79AA1002229//Human mRNA for KIAA0086 gene, complete cds//0.0041:203:63//Hs.1560:D42045
- F-Y79AA1002234//Homo sapiens mRNA for KIAA0692 protein, partial cds//4.1e-176:821:98//Hs.100729:AB014592
- 20 F-Y79AA1002246//Human involucrin mRNA//5.6e-05:525:59//Hs.157091:M13903
- F-Y79AA1002258//Homo sapiens mRNA for KIAA0655 protein, partial cds//2.2e-160:748:98//Hs.96731:AB014555
- 25 F-Y79AA1002298//ESTs//2.5e-05:115:77//Hs.87164:T84489
- 30 F-Y79AA1002307//Homo sapiens mRNA for KIAA0634 protein, partial cds//2.1e-130:622:97//Hs.30898:AB014534
- F-Y79AA1002311//ESTs//4.9e-19:126:94//Hs.58595:AA830999
- 35 F-Y79AA1002351//Human high conductance inward rectifier potassium channel alpha subunit mRNA, complete cds//0.028:587:58//Hs.2363:L36069
- 40 F-Y79AA1002361//ESTs//8.7e-29:149:100//Hs.156074:AA824377
- F-Y79AA1002399
- 45 F-Y79AA1002407//ESTs//1.5e-25:183:89//Hs.110031:T52569
- F-Y79AA1002416//CTP synthetase//9.1e-51:489:72//Hs.84112:X52142
- 50 F-Y79AA1002431
- F-Y79AA1002433//EST//0.0037:94:71//Hs.136780:AA772318
- 55 F-Y79AA1002472//Homo sapiens DNA from chromosome 19, BAC 33152//1.1e-37:263:69//Hs.55452:AC003973

EP 1 074 617 A2

F-Y79AA1002482//ESTs//1.4e-49:313:80//Hs.132590:AI160765

5 F-Y79AA1002487//Insulin-like growth factor binding protein 2//0.43:249:61//Hs.162:X16302

Homology Search Result Data 5.

10

The result of the homology search of the Human Unigene using the clone sequence of 3'-end.
Data include

15

the name of clone,

title of the top hit data,

20

the P-value: the length of the compared sequence: identity (%), and

the Accession No. of the top hit data, as in the order separated by //.

25

Blank indicates that the 3'-end sequence corresponding to the 5'-end was not determined in the clone.

Data are not shown for the clones in which the P-value was higher than 1.

30

R-HEMBA1000005//ESTs, Highly similar to HYPOTHETICAL 31.6 KD PROTEIN F54F2.9 IN CHROMOSOME III [Caenorhabditis elegans]//5.6e-93:501:93//Hs.13015:AA628434

35

R-HEMBA1000030//Human POU domain protein (Brn-3b) mRNA, complete cds//0.83:314:61//Hs.266:U06233

40

R-HEMBA1000042//Archain//1.4e-45:282:89//Hs.33642:X81198

R-HEMBA1000046//Human mRNA for KIAA0118 gene, partial cds//8.3e-52:528:72//Hs.154326:D42087

45

R-HEMBA1000050//EST//0.043:155:63//Hs.149031:AI243340

R-HEMBA1000076//ESTs//3.1e-77:394:97//Hs.111742:R39329

50

R-HEMBA1000111//ESTs//1.7e-33:228:85//Hs.146811:AA410788

R-HEMBA1000129//ESTs, Weakly similar to contains similarity to helicases [C.elegans]//4.4e-90:502:90//Hs.55918:AA151667

55

R-HEMBA1000141//Homo sapiens mRNA for KIAA0797 protein, partial cds//2.1e-100:514:94//Hs.27197:AB018340

EP 1 074 617 A2

R-HEMBA1000150//Homo sapiens mRNA for KIAA0640 protein, partial cds//3.1e-45:435:77//Hs.153026:AB014540

5 R-nnnnnnnnnnnn//ESTs, Moderately similar to The KIAA0138 gene product is novel. [H.sapiens]//7.7e-92:428:100//Hs.126925:AA931237

10 R-HEMBA1000158

R-nnnnnnnnnnnn//ESTs, Weakly similar to F13B12.1 [C.elegans]//1.3e-05:58:91//Hs.5570:AI377863

15 R-HEMBA1000180//ESTs//7.7e-90:461:95//Hs.159200:N50545

R-HEMBA1000185//ESTs//1.3e-72:371:96//Hs.134506:AA308366

20 R-HEMBA1000193//ESTs//4.2e-103:481:99//Hs.143251:AA769927

R-HEMBA1000201//Human Ini1 mRNA, complete cds//3.0e-25:137:99//Hs.155626:U04847

25 R-HEMBA1000213//ESTs//5.4e-85:465:94//Hs.23412:AA133311

R-HEMBA1000216//ESTs//3.0e-37:311:79//Hs.137875:AA993532

30 R-nnnnnnnnnnnn//EST//2.2e-100:498:96//Hs.161570:W80404

R-HEMBA1000231//Homo sapiens KIAA0414 mRNA, partial cds//2.7e-34:287:70//Hs.127649:AB007874

35 R-HEMBA1000243//Homo sapiens mRNA for KIAA0475 protein, complete cds//1.3e-23:276:75//Hs.5737:AB007944

40 R-HEMBA1000244//ESTs//2.3e-88:455:96//Hs.8929:AA719019

R-HEMBA1000251//ESTs//0.96:411:56//Hs.120277:AI243808

45 R-HEMBA1000264//ESTs//3.7e-97:487:96//Hs.29258:W37424

R-nnnnnnnnnnnn//ESTs, Moderately similar to ovarian-specific protein [R.norvegicus]//4.9e-14:208:73//Hs.93332:AA811920

50 R-HEMBA1000282//ESTs//2.5e-38:216:94//Hs.120757:R92485

55 R-HEMBA1000288//ESTs//2.6e-43:289:86//Hs.151365:AA643962

R-HEMBA1000290//ESTs//5.1e-110:543:96//Hs.139068:AA516409

EP 1 074 617 A2

- 5 R-HEMBA1000302//Homo sapiens mRNA for KIAA0527 protein, partial cds//1.0:122:67//Hs.129748:AB011099
- R-nnnnnnnnnnnn//ESTs//7.4e-76:386:97//Hs.22276:AA191323
- 10 R-nnnnnnnnnnnn//Human Ca²⁺-dependent activator protein for secretion mRNA, complete cds//8.8e-30:160:98//Hs.151301:U36448
- R-HEMBA1000307//ESTs, Highly similar to 8A-2V protein [M.musculus]//1.1e-103:489:99//Hs.108881:AI018024
- 15 R-nnnnnnnnnnnn//ESTs//9.3e-99:472:98//Hs.163512:AA903238
- R-HEMBA1000338//EST//5.1e-49:278:92//Hs.150815:AI302560
- 20 R-HEMBA1000351//Human high-affinity copper uptake protein (hCTR1) mRNA, complete cds//1.1e-42:270:88//Hs.73614:U83460
- 25 R-HEMBA1000355//ESTs//1.0e-105:531:96//Hs.61762:AI422243
- R-HEMBA1000357//Human kpni repeat mrna (cdna clone pcd-kpni-4), 3' end//9.4e-89:432:87//Hs.139107:K00629
- 30 R-HEMBA1000366//ESTs//1.1e-99:524:95//Hs.11785:T65857
- R-HEMBA1000369//ESTs//6.5e-70:355:96//Hs.124847:AA843938
- 35 R-HEMBA1000376//Human mRNA for KIAA0205 gene, complete cds//3.6e-44:388:77//Hs.3610:D86960
- 40 R-HEMBA1000387//Human high-affinity copper uptake protein (hCTR1) mRNA, complete cds//5.5e-47:337:83//Hs.73614:U83460
- 45 R-HEMBA1000390//Oxytocin receptor//2.4e-16:428:62//Hs.2820:X64878
- R-HEMBA1000392//ESTs//3.9e-105:531:96//Hs.130661:AI340248
- 50 R-HEMBA1000396//ESTs, Weakly similar to line-1 protein ORF2 [H.sapiens]//1.1e-44:447:75//Hs.42849:N31920
- 55 R-HEMBA1000411//ESTs, Weakly similar to ankyrin 3, long form [H.sapiens]//6.1e-92:373:99//Hs.48675:AI005282
- R-HEMBA1000418//ESTs//3.1e-66:315:100//Hs.94133:AI270700

EP 1 074 617 A2

R-HEMBA1000422//ESTs//1.6e-99:464:99//Hs.33024:AA002140

5 R-HEMBA1000428//Homo sapiens mRNA for oligophrenin 1//4.9e-85:535:87//Hs.158122:AJ001189

R-HEMBA1000434//ESTs//3.7e-53:266:99//Hs.22782:Z38143

10 R-HEMBA1000442//ESTs//0.93:322:57//Hs.144763:AI218014

R-HEMBA1000456//ESTs//4.1e-48:277:93//Hs.6937:AA524349

15 R-HEMBA1000459//ESTs//0.010:184:63//Hs.128797:AI246316

R-HEMBA1000460

20 R-HEMBA1000464//EST//0.082:87:70//Hs.147977:AI262370

R-HEMBA1000469//Small inducible cytokine A5 (RANTES)//1.4e-65:494:81//Hs.155464:AF088219

25 R-HEMBA1000488//ESTs, Weakly similar to The KIAA0132 gene product is related to Drosophila melanogaster ring canel protein. [H.sapiens]//1.1e-31:181:94//Hs.61454:AA312449

30 R-HEMBA1000490//ESTs//6.4e-17:132:86//Hs.32855:N25528

R-HEMBA1000491//ESTs//2.2e-22:171:85//Hs.8035:AA195087

35 R-HEMBA1000504//ESTs//0.016:282:58//Hs.130778:AI077571

R-HEMBA1000505//EST//6.1e-15:116:87//Hs.162783:AA627318

40 R-HEMBA1000508//ESTs//1.1e-28:244:81//Hs.132722:AA618531

R-HEMBA1000518//EST//0.60:141:60//Hs.97831:AA400885

45 R-HEMBA1000519//ESTs//2.8e-64:334:96//Hs.97885:AA402414

R-HEMBA1000520//ESTs//6.9e-104:503:97//Hs.18370:AA947280

50 R-HEMBA1000523//Cleavage stimulation factor, 3' pre-RNA, subunit 3, 77kD//4.0e-55:203:92//Hs.155510:U15782

55 R-HEMBA1000531//ESTs, Weakly similar to HEAT SHOCK 70 KD PROTEIN 1 [H.sapiens]//1.3e-117:550:99//Hs.99722:AI422277

EP 1 074 617 A2

R-HEMBA1000540//ESTs//4.7e-72:350:98//Hs.109755:AA180809

5 R-HEMBA1000545//Homo sapiens clone 23892 mRNA sequence//3.7e-68:549:80//Hs.91916:AF035317

R-nnnnnnnnnnnnn//ESTs//2.3e-66:342:97//Hs.71916:AA219699

10 R-HEMBA1000557//EST//1.5e-49:297:90//Hs.149580:AI281881

R-HEMBA1000561//ESTs, Moderately similar to zinc finger protein [R.norvegicus]//1.8e-108:550:96//Hs.26799:W74481

15 R-HEMBA1000563//Adenosine kinase//0.16:367:58//Hs.94382:U50196

R-HEMBA1000568//ESTs//5.1e-42:321:82//Hs.141024:H07128

20 R-nnnnnnnnnnnnn

R-HEMBA1000575//ESTs//3.8e-45:352:80//Hs.146811:AA410788

R-HEMBA1000588//ESTs//0.18:122:67//Hs.140507:AA761944

30 R-HEMBA1000591//Homo sapiens mRNA for EIB-55kDa-associated protein//3.9e-113:591:94//Hs.155218:AJ007509

R-HEMBA1000592//TYROSINE-PROTEIN KINASE

35 ITK/TSK//0.024:309:61//Hs.89519:L10717

R-HEMBA1000594//ESTs//8.6e-07:172:68//Hs.160289:AI168041

40 R-HEMBA1000604//Human telomerase-associated protein TP-1 mRNA, complete cds//1.5e-19:129:93//Hs.158334:U86136

R-HEMBA1000608//ESTs//2.2e-95:506:94//Hs.6103:AA496424

45 R-HEMBA1000622//ESTs//3.8e-10:440:61//Hs.137538:AA769438

R-HEMBA1000636//ESTs, Weakly similar to 50S RIBOSOMAL PROTEIN L20 [E.coli]//1.4e-86:422:97//Hs.26252:AA643235

50 R-HEMBA1000637//Homo sapiens mRNA for KIAA0690 protein, partial cds//3.7e-99:443:97//Hs.60103:AB014590

55 R-HEMBA1000655//Human mRNA for KIAA0392 gene, partial cds//1.3e-50:426:79//Hs.40100:

EP 1 074 617 A2

AB002390

- 5 R-HEMBA1000657//ESTs//3.0e-74:419:93//Hs.109477:AA477929
- R-HEMBA1000662//EST//1.1e-90:425:99//Hs.122144:AA780136
- 10 R-HEMBA1000673//ESTs//1.2e-101:473:99//Hs.138215:AI123922
- R-HEMBA1000682//ESTs, Weakly similar to putative pi 50 [H.sapiens]//3.5e-114:553:97//Hs.111730:AA604403
- 15 R-HEMBA1000686//ESTs, Weakly similar to C27F2.7 gene product [C.elegans]//6.8e-18:137:86//Hs.7049:AI141736
- R-HEMBA1000702//Human mRNA for tryptophan hydroxylase (EC 1.14.16.4)//7.4e-52:345:84//Hs.144563:AF057280
- 20 R-HEMBA1000705//EST//0.21:139:63//Hs.132687:AI033672
- 25 R-HEMBA1000719//ESTs//8.4e-90:484:94//Hs.29005:AA477213
- R-HEMBA1000722//ESTs, Weakly similar to similar to enoyl-CoA hydratases/isomerases [C.elegans]//7.2e-113:572:95//Hs.28644:AI018612
- 30 R-HEMBA1000726//ERYTHROCYTE BAND 7 INTEGRAL MEMBRANE PROTEIN//2.8e-40:449:75//Hs.74478:U33931
- 35 R-HEMBA1000727//ESTs//0.0047:267:60//Hs.133095:AA927777
- R-HEMBA1000747//EST//3.9e-20:160:85//Hs.99048:AA446110
- 40 R-HEMBA1000749//Small inducible cytokine A5 (RANTES)//4.7e-37:286:82//Hs.155464:AF088219
- R-HEMBA1000752//EST//0.041:39:94//Hs.127772:AA961131
- 45 R-HEMBA1000769//Homo sapiens mRNA for chemokine LEC precursor, complete cds//1.6e-32:309:75//Hs.10458:AF088219
- 50 R-HEMBA1000773//EST//7.5e-05:201:63//Hs.122887:AA767612
- R-HEMBA1000774//Kangai 1 (suppression of tumorigenicity 6, prostate; CD82 antigen (R2 leukocyte antigen, antigen detected by monoclonal and antibody IA4))//1.3e-48:284:90//Hs.103458:X53795
- 55 R-HEMBA1000791//Human mRNA for KIAA0118 gene, partial cds//1.2e-45:291:

EP 1 074 617 A2

87//Hs.154326:D42087

5 R-HEMBA1000817//ESTs//8.3e-95:445:99//Hs.107357:AA983939

R-HEMBA1000822//ESTs//1.1e-107:522:97//Hs.92832:AA631027

10 R-HEMBA1000827//Homo sapiens Ser/Arg-related nuclear matrix protein (SRM160) mRNA, complete cds//2.2e-44:228:98//Hs.18192:AF048977

15 R-HEMBA1000843//Homo sapiens LIM protein mRNA, complete cds//6.6e-46:410:77//Hs.154103:AF061258

R-HEMBA1000851

20 R-HEMBA1000852//Aldehyde dehydrogenase 10 (fatty aldehyde dehydrogenase)//3.7e-33:284:80//Hs.159608:U46689

R-HEMBA1000867//EST//2.0e-17:211:74//Hs.145670:AI265794

25 R-HEMBA1000869//ESTs//3.1e-16:237:71//Hs.116518:AA653202

R-HEMBA1000870//ESTs//1.6e-43:222:98//Hs.69564:AA203608

30 R-HEMBA1000872//ESTs//1.9e-93:453:98//Hs.152622:AA594951

35 R-HEMBA1000876//Small inducible cytokine A5 (RANTES)//3.0e-41:329:79//Hs.155464:AF088219

R-HEMBA1000908//ESTs//1.6e-51:291:92//Hs.12247:AI203154

40 R-HEMBA1000910//EST//0.98:139:64//Hs.132687:AI033672

R-HEMBA1000918//EST//9.6e-30:152:84//Hs.162136:AA526508

45 R-HEMBA1000919

R-HEMBA1000934//ESTs//4.1e-38:254:89//Hs.87784:AA460597

50 R-HEMBA1000942//ESTs//3.5e-20:172:69//Hs.160065:AI018619

R-HEMBA1000943//Homo sapiens mRNA for KIAA0748 protein, complete cds//1.3e-44:281:78//Hs.33187:AB018291

55 R-HEMBA1000946//ESTs//1.6e-68:352:96//Hs.21331:H93074

R-HEMBA1000960//Homo sapiens tapasin (NGS-17) mRNA, complete cds//4.0e-61:347:

EP 1 074 617 A2

81//Hs.5247:AF029750

5 R-HEMBA1000968//Homo sapiens mRNA, chromosome 1 specific transcript
KIAA0508//6.8e-51:362:84//Hs.159187:AB007977

R-HEMBA1000971//ESTs//2.8e-41:246:91//Hs.104287:AI363498

10 R-HEMBA1000972//Homo sapiens mRNA for XPR2 protein//7.3e-44:341:81//Hs.44766:
AJ007590

R-HEMBA1000974//ESTs//1.4e-32:166:100//Hs.149274:AI018170

15

R-HEMBA1000975//Oxytocin receptor//2.7e-46:563:73//Hs.2820:X64878

R-HEMBA1000985//ESTs//4.4e-05:125:69//Hs.14 7434:AI214464

20

R-HEMBA1000986//ESTs//7.8e-44:266:84//Hs.163784:N54902

R-HEMBA1000991//EST//1.4e-42:162:86//Hs.149580:AI281881

25

R-HEMBA1001007

R-HEMBA1001008//ESTs//2.3e-82:463:92//Hs.10339:AA058764

30

R-HEMBA1001009//ESTs, Weakly similar to non-lens beta gamma-crystallin like protein
[H.sapiens]//2.6e-58:280:100//Hs.128738:AA970836

35 R-HEMBA1001017//Homo sapiens mRNA for KIAA0468 protein, complete cds//3.3e-115:587:
95//Hs.158287:AB007937

40 R-HEMBA1001019//Cell division cycle 2, G1 to S and G2 to M//1.1e-24:140:95//Hs.58393:
X05360

R-HEMBA1001020//ESTs//0.52:86:72//Hs.69683:AA115292

45

R-HEMBA1001022//ESTs//3.4e-18:102:100//Hs.63243:AI123912

R-HEMBA1001024//ESTs//1.9e-07:262:61//Hs.124399:AA832336

50

R-HEMBA1001026//ESTs//0.0017:142:67//Hs.144109:AI345543

R-nnnnnnnnnnnn//Ankyrin G//0.23:244:60//Hs.75893:U13616

55

R-HEMBA1001051//Homo sapiens mRNA for KIAA0621 protein, partial cds//6.4e-21:186:
79//Hs.132942:AB014521

EP 1 074 617 A2

R-HEMBA1001052//ESTs//5.4e-107:497:99//Hs.121773:AI357886

R-HEMBA1001060//ESTs//1.1e-31:298:80//Hs.24821:AA044813

5

R-HEMBA1001071//Alpha-1 type 3 collagen//9.1e-34:179:98//Hs.119571:X14420

10

R-HEMBA1001077//Homo sapiens mRNA, chromosome 1 specific transcript
KIAA0492//2.7e-21:417:64//Hs.127338:AB007961

R-HEMBA1001080

15

R-HEMBA1001085//ESTs//1.9e-47:385:79//Hs.146811:AA410788

R-HEMBA1001088//ESTs//2.8e-102:548:93//Hs.127273:AA522674

20

R-HEMBA1001094

R-HEMBA1001099//ESTs//0.24:41:97//Hs.18612:T99245

25

R-HEMBA1001109//Small inducible cytokine A5 (RANTES)//2.4e-46:396:80//Hs.155464:
AF088219

30

R-HEMBA1001121//ESTs//1.7e-15:216:71//Hs.141605:H92974

R-HEMBA1001122//ESTs//2.0e-90:474:94//Hs.107884:AA131320

35

R-HEMBA1001123//B-CELL GROWTH FACTOR PRECURSOR//2.7e-45:319:84//Hs.99879:
M15530

R-HEMBA1001133//ESTs//1.2e-92:443:99//Hs.99626:AA632341

40

R-HEMBA1001137//ESTs//2.0e-86:426:97//Hs.157103:W60265

45

R-HEMBA1001140//Small inducible cytokine A5 (RANTES)//2.9e-45:323:83//Hs.155464:
AF088219

45

R-HEMBA1001172//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!!
[H.sapiens]//1.1e-39:309:82//Hs.96337:AA225358

50

R-HEMBA1001174//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0492//0.21:
238:60//Hs.127338:AB007961

55

R-HEMBA1001197//ESTs//0.010:388:61//Hs.14881:R91896

R-HEMBA1001208//ESTs, Highly similar to Similar to S.cerevisiae hypothetical protein 5
[H.sapiens]//0.27:305:62//Hs.100238:U69194

EP 1 074 617 A2

5 R-HEMBA1001226//Homo sapiens PYRIN (MEFV) mRNA, complete cds//5.0e-54:333:81//Hs.113283:AF018080
 R-HEMBA1001235//EST//2.3e-07:42:92//Hs.141620:N63316
 10 R-HEMBA1001247//ESTs, Weakly similar to WWP2 [H.sapiens]//2.9e-20:160:87//Hs.103102:W55932
 R-HEMBA1001257//ESTs//3.3e-112:544:97//Hs.128749:AA779728
 15 R-HEMBA1001265//ESTs//8.7e-116:564:98//Hs.155150:AI061435
 R-nnnnnnnnnnnn//ESTs, Weakly similar to Lpa8p [S.cerevisiae]//2.4e-35:239:87//Hs.103919:AA159181
 20 R-HEMBA1001286//ESTs//1.4e-97:507:95//Hs.26244:AI352674
 R-HEMBA1001289//ESTs//8.2e-44:122:96//Hs.76267:AA877534
 25 R-HEMBA1001294//ESTs//1.0:140:65//Hs.149638:AI298324
 R-HEMBA1001299//Small inducible cytokine A5 (RANTES)//1.1e-45:307:84//Hs.155464:AF088219
 30 R-HEMBA1001302//Homo sapiens mRNA for APC 2 protein, complete cds//0.53:89:68//Hs.20912:AB012162
 35 R-HEMBA1001303//EST//0.00053:271:60//Hs.156148:AI333214
 R-HEMBA1001310//ESTs//1.4e-91:486:93//Hs.86228:AA206019
 40 R-HEMBA1001319//ESTs//0.051:228:61//Hs.99404:AA953977
 R-HEMBA1001323//ESTs//6.2e-83:401:98//Hs.47343:AI282950
 45 R-HEMBA1001326//ESTs, Weakly similar to HYPOTHETICAL 55.1 KD PROTEIN IN FAB1-PES4 INTERGENIC REGION [S.cerevisiae]//1.3e-77:458:92//Hs.9398:N41838
 50 R-HEMBA1001327//ESTs//0.60:251:58//Hs.117162:AA701259
 R-HEMBA1001330//Homo sapiens PYRIN (MEFV) mRNA, complete cds//1.1e-46:249:78//Hs.113283:AF018080
 55 R-HEMBA1001351//ESTs//0.13:230:57//Hs.138510:R94816

EP 1 074 617 A2

R-HEMBA1001361//ESTs//3.5e-107:570:94//Hs.7727:AA142837

5 R-HEMBA1001375//ESTs//1.1e-96:454:99//Hs.59584:AA587334

R-HEMBA1001377//ESTs//8.5e-91:459:95//Hs.61859:AA628550

10 R-HEMBA1001383//ESTs//0.077:381:58//Hs.163093:AA745458

R-HEMBA1001387//ESTs//2.0e-85:405:99//Hs.152127:AI246482

15 R-HEMBA1001388//ESTs//1.5e-83:395:99//Hs.105191:AA133439

R-HEMBA1001391//ESTs//7.7e-90:455:96//Hs.120905:R22204

20 R-HEMBA1001398//Thromboxane A2 receptor//4.0e-46:279:89//Hs.89887:D38081

R-HEMBA1001405//ESTs//1.2e-98:485:97//Hs.73287:W16714

25 R-HEMBA1001407//ESTs//2.2e-76:365:99//Hs.110128:AA584364

R-HEMBA1001411//ESTs//1.2e-102:476:100//Hs.143162:AI380343

30 R-HEMBA1001413//ESTs//3.7e-66:321:98//Hs.152472:AA041199

R-HEMBA1001415

35 R-HEMBA1001432//Putative mismatch repair/binding protein hMSH3//7.9e-42:183:82//Hs.42674:U61981

R-HEMBA1001433//ESTs//1.4e-34:240:77//Hs.95611:U51704

40 R-HEMBA1001435//ESTs//5.6e-23:292:70//Hs.116315:AA629263

R-HEMBA1001442//ESTs//0.76:414:58//Hs.156189:AI419982

45 R-HEMBA1001446//ESTs//2.2e-95:447:99//Hs.154091:AA767546

R-HEMBA1001450//ESTs//1.0e-93:491:94//Hs.16130:AA195077

50 R-HEMBA1001454//Human Line-1 repeat mRNA with 2 open reading frames//1.7e-47:304:88//Hs.23094:M19503

55 R-HEMBA1001455//ESTs//7.1e-103:482:99//Hs.97407:AI417220

R-HEMBA1001463

EP 1 074 617 A2

R-HEMBA1001476//Human mRNA for KIAA0186 gene, complete cds//2.0e-25:409:66//Hs.36232:D80008

5 R-HEMBA1001478

R-HEMBA1001497

10 R-HEMBA1001510//ESTs//3.3e-44:381:78//Hs.139882:AA864426

R-HEMBA1001515//Human Line-1 repeat mRNA with 2 open reading frames//5.9e-79:528:84//Hs.23094:M19503

15

R-HEMBA1001517//ESTs//5.8e-32:272:81//Hs.119512:AA487269

R-HEMBA1001522//ESTs//1.7e-84:364:95//Hs.117858:AA-702493

20

R-HEMBA1001526//ESTs//1.8e-93:527:93//Hs.10624:N64723

R-HEMBA1001533//ESTs//1.9e-42:211:100//Hs.55830:AA580270

25

R-HEMBA1001557//ESTs//4.2e-83:413:97//Hs.47546:AA181348

30 R-HEMBA1001566//Small inducible cytokine A5 (RANTES)//3.4e-50:304:88//Hs.155464:AF088219

R-HEMBA1001569//POU domain, class 3, transcription factor 4//2.3e-06:259:62//Hs.2229:X82324

35

R-HEMBA1001570//Homo sapiens pendrin (PDS) mRNA, complete cds//3.5e-47:456:77//Hs.159275:AF030880

40

R-HEMBA1001579//ESTs//0.11:299:60//Hs.106090:AA457030

R-HEMBA1001581//ESTs//0.016:350:61//Hs.124664:AI015652

45

R-HEMBA1001585//Human mRNA for KIAA0331 gene, complete cds//0.30:251:63//Hs.146395:AB002329

R-HEMBA1001589

50

R-HEMBA1001595//ESTs, Weakly similar to SEPTIN 2 [D.melanogaster]//6.9e-71:431:88//Hs.26625:W25874

55

R-HEMBA1001608//Human kpni repeat mrna (cdna clone pcd-kpni-8), 3' end//1.3e-73:533:82//Hs.103948:K00627

EP 1 074 617 A2

R-HEMBA1001620//ESTs, Highly similar to MYO-INOSITOL-1-PHOSPHATE SYNTHASE [Arabidopsis thaliana]//4.5e-93:537:90//Hs.20218:AA628530

5 R-nnnnnnnnnnnn//Homo sapiens antigen NY-CO-16 mRNA, complete cds//0.054:362:60//Hs.132206:AF039694

R-HEMBA1001636//ESTs//4.9e-53:267:97//Hs.47459:AA700158

10

R-HEMBA1001640//ESTs//2.9e-27:299:72//Hs.65236:AA927623

15 R-nnnnnnnnnnnn//ESTs, Weakly similar to Mi-2 protein [H.sapiens]//1.2e-86:442:95//Hs.63888:AA203398

R-HEMBA1001655//ESTs//1.5e-101:516:95//Hs.86541:AA214554

20 R-HEMBA1001658

R-HEMBA1001661//Homo sapiens protocadherin 68 (PCH68) mRNA, complete cds//1.3e-16:427:61//Hs.106511:AF029343

25

R-HEMBA1001672//Homo sapiens methyl-CpG binding protein MBD3 (MBD3) mRNA, complete cds//1.4e-93:493:92//Hs.107254:AC005943

30 R-HEMBA1001675

R-HEMBA1001678//Homo sapiens voltage dependent anion channel protein mRNA, complete cds//4.2e-103:534:94//Hs.7381:AF038962

35

R-HEMBA1001681//ESTs//6.0e-49:292:92//Hs.65588:AA523424

R-HEMBA1001702//ESTs//9.0e-98:478:97//Hs.28661:AA805916

40

R-HEMBA1001709//Homo sapiens mRNA for KIAA0698 protein, complete cds//6.3e-98:483:96//Hs.31720:AB014598

45

R-HEMBA1001711//ESTs//5.8e-83:398:98//Hs.34804:AA514960

R-HEMBA1001712//ESTs//0.028:202:63//Hs.105790:AA528095

50

R-HEMBA1001714//ESTs, Highly similar to ATPASE INHIBITOR, MITOCHONDRIAL PRECURSOR [Rattus norvegicus]//1.8e-46:236:98//Hs.132948:AA194452

55

R-HEMBA1001718//Small inducible cytokine A5 (RANTES)//8.6e-43:166:88//Hs.155464:AF088219

R-HEMBA1001723//ESTs, Highly similar to HYPOTHETICAL TRP-ASP REPEATS

EP 1 074 617 A2

CONTAINING PROTEIN IN SIS1-MRPL2 INTERGENIC REGION [Saccharomyces cerevisiae]//7.1e-88:431:96//Hs.29203:AI344105

5 R-HEMBA1001731//EST//0.25:100:68//Hs.149171:AI245712

R-HEMBA1001734//Human mRNA for KIAA0355 gene, complete cds//2.6e-39:366:77//Hs.153014:AB002353

10

R-HEMBA1001744

R-HEMBA1001745//ESTs//6.6e-05:244:62//Hs.157663:AI358623

15

R-HEMBA1001746//EST//4.9e-65:409:88//Hs.124673:AA858162

R-HEMBA1001761//ESTs//1.9e-44:315:84//Hs.159510:AA297145

20

R-HEMBA1001781//ESTs//3.0e-98:462:99//Hs.60059:AI057306

R-HEMBA1001784//EST//1.0e-12:250:68//Hs.152366:AA486721

25

R-HEMBA1001791//EST//1.4e-47:292:89//Hs.163333:AA879053

R-HEMBA1001800//ESTs//8.4e-37:314:79//Hs.105151:AA970243

30

R-HEMBA1001803//ESTs//4.5e-99:465:99//Hs.135159:AI095823

R-nnnnnnnnnnnn//Zinc finger protein 148 (pHZ-52)//0.78:232:57//Hs.112180:AF039019

35

R-HEMBA1001808//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0500//9.0e-114:548:98//Hs.118164:AB007969

40

R-HEMBA1001809//EST//3.8e-63:292:89//Hs.158591:AI369334

R-HEMBA1001815//Calcium modulating ligand//1.1e-47:299:87//Hs.13572:AF068179

45

R-HEMBA1001819//ZINC FINGER PROTEIN HF.12//1.2e-16:259:69//Hs.155470:X07290

R-HEMBA1001820//ESTs//2.6e-86:404:100//Hs.112881:AA620707

50

R-nnnnnnnnnnnn//ESTs//2.2e-101:480:99//Hs.159940:AA971578

R-HEMBA1001824//ESTs, Weakly similar to MATRIN 3 [H.sapiens]//6.2e-27:147:97//Hs.23476:AA401210

55

R-HEMBA1001835//EST//0.79:216:64//Hs.47437:N52250

EP 1 074 617 A2

- R-HEMBA1001844//ESTs//4.7e-62:319:95//Hs.55200:N98513
- R-HEMBA1001847//ESTs//2.3e-102:522:95//Hs.20879:AA845446
- 5 R-HEMBA1001861//Homo sapiens mRNA for KIAA0617 protein, complete cds//1.1e-109:553:96//Hs.78946:AB014517
- 10 R-HEMBA1001864//ESTs//7.4e-94:449:99//Hs.132776:AI142853
- R-HEMBA1001866//Myelin oligodendrocyte glycoprotein {alternative products}//1.9e-37:357:76//Hs.53217:Z48051
- 15 R-nnnnnnnnnnnn//ESTs, Weakly similar to trithorax homolog HTX, version 2 [H.sapiens]//2.3e-32:193:94//Hs.9489:R84329
- 20 R-HEMBA1001888//H.sapiens mRNA for urea transporter//2.0e-47:425:78//Hs.66710:X96969
- R-HEMBA1001896//ESTs//3.5e-56:274:99//Hs.129018:H03128
- 25 R-HEMBA1001910
- R-HEMBA1001912//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//1.5e-73:347:100//Hs.30991:AA994438
- 30 R-HEMBA1001913//ESTs, Highly similar to GCN20 PROTEIN [Saccharomyces cerevisiae]//5.1e-57:320:91//Hs.91251:U66685
- 35 R-HEMBA1001915//ESTs//4.9e-88:459:95//Hs.122810:AI273706
- R-HEMBA1001918//ESTs//1.2e-106:505:99//Hs.98518:AI027125
- 40 R-HEMBA1001921//Homo sapiens germinal center kinase related protein kinase mRNA, complete cds//5.5e-107:534:96//Hs.154934:AF000145
- R-HEMBA1001939//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//2.9e-99:482:98//Hs.96849:AA879470
- 45 R-HEMBA1001940//Human mRNA for KIAA0392 gene, partial cds//5.6e-45:336:82//Hs.40100:AB002390
- 50 R-HEMBA1001942//EST//2.6e-84:397:99//Hs.145444:AI203668
- R-HEMBA1001945//ESTs//1.4e-92:437:99//Hs.144565:AI192452
- 55 R-HEMBA1001950//ESTs//3.9e-43:280:88//Hs.84429:N28866

EP 1 074 617 A2

R-HEMBA1001960//ESTs//0.040:243:62//Hs.29567:AA640421

R-HEMBA1001962//ESTs//0.0071:113:69//Hs.49792:N70048

R-HEMBA1001964//ESTs//3.0e-38:239:87//Hs.158126:W26825

R-HEMBA1001967//Human DNA sequence from clone 341E18 on chromosome 6p11.2-12.3. Contains a Serine/Threonine Protein Kinase gene (presumptive isolog of a Rat gene) and a novel alternatively spliced gene. Contains a putative CpG island, ESTs and GSSs//1.8e-106:517:97//Hs.11050:AL031178

R-HEMBA1001979//EST//0.039:167:63//Hs.129451:AA993932

R-HEMBA1001987//ESTs//3.1e-44:320:83//Hs.136839:H93717

R-HEMBA1001991//Human mRNA for KIAA0355 gene, complete cds//9.5e-47:303:88//Hs.153014:AB002353

R-HEMBA1002003//Homo sapiens mRNA for protein phosphatase 2C (beta)//1.6e-91:448:97//Hs.5687:AJ005801

R-HEMBA1002008//ESTs//9.2e-47:297:87//Hs.142314:AA347930

R-HEMBA1002018//ESTs//9.4e-21:118:97//Hs.7871:AI041837

R-HEMBA1002022//Human mRNA for KIAA0075 gene, partial cds//0.25:196:63//Hs.1189:D38550

R-HEMBA1002035//ESTs//7.7e-101:475:99//Hs.8858:AI131538

R-HEMBA1002039//H.sapiens mRNA for phosphoinositide 3-kinase//0.68:256:64//Hs.101238:Y11312

R-HEMBA1002049//Homo sapiens mRNA for KIAA0563 protein, complete cds//2.4e-51:254:85//Hs.15731:AB011135

R-HEMBA1002084//EST//0.31:219:60//Hs.162396:AA572764

R-HEMBA1002092//EST//6.4e-72:342:99//Hs.148533:AI200996

R-HEMBA1002100//EST//5.6e-38:258:85//Hs.103094:W52354

R-HEMBA1002102//Thiopurine S-methyltransferase//1.4e-46:403:79//Hs.51124:AF019369

R-HEMBA1002113//Prostaglandin 12 (prostacyclin) synthase //1.4e-76:280:90//Hs.61333:D83402

EP 1 074 617 A2

- R-HEMBA1002119//Homo sapiens OR7E12P pseudogene, complete sequence//1.4e-87:362:94//Hs.103443:AF065854
- 5 R-HEMBA1002125//ESTs, Weakly similar to Y53C12A.3 [C.elegans]//1.7e-16:94:100//Hs.107747:AI357868
- 10 R-HEMBA1002139//H.sapiens mRNA for nebulin//0.0019:68:88//Hs.83870:X83957
- R-HEMBA1002144//ESTs//3.1e-30:259:72//Hs.141575:AA211734
- 15 R-HEMBA1002150//ESTs//7.1e-105:543:95//Hs.32275:AA595199
- R-HEMBA1002151//ESTs//2.2e-35:178:100//Hs.77703:W19642
- 20 R-HEMBA1002153//EST//4.5e-49:458:77//Hs.141708:W44337
- R-HEMBA1002160//Homo sapiens nephrocystin (NPHP1) mRNA, partial cds//1.4e-36:400:75//Hs.75474:AF023674
- 25 R-HEMBA1002161//Homo sapiens EVI5 homolog mRNA, complete cds//1.9e-33:294:77//Hs.26929:AF008915
- 30 R-HEMBA1002162//ESTs//1.0e-47:317:85//Hs.48919:N64043
- R-HEMBA1002166//Thromboxane A2 receptor//6.8e-46:296:81//Hs.89887:D38081
- 35 R-HEMBA1002177//EST//2.6e-42:215:99//Hs.116880:AA662457
- R-HEMBA1002185//Homo sapiens class-I MHC-restricted T cell associated molecule (CRTAM) mRNA, complete cds//6.0e-42:419:73//Hs.159523:AF001622
- 40 R-HEMBA1002189//Homo sapiens mRNA for KIAA0792 protein, complete cds//1.4e-29:244:72//Hs.119387:AB007958
- 45 R-HEMBA1002191//ESTs//2.6e-31:275:66//Hs.133852:AI076357
- R-HEMBA1002199//Human Line-1 repeat mRNA with 2 open reading frames//4.3e-84:557:84//Hs.23094:M19503
- 50 R-HEMBA1002204//EST//0.00057:113:71//Hs.144868:AI202342
- R-HEMBA1002212//ESTs//1.5e-48:277:93//Hs.104741:AI393315
- 55 R-HEMBA1002215//ESTs//1.1e-23:158:90//Hs.152529:AA897151

EP 1 074 617 A2

R-HEMBA1002226//Homo sapiens mRNA for KIAA0706 protein, complete cds//5.1e-21:230:75//Hs.139648:AB014606

5 R-HEMBA1002229//Homo sapiens growth suppressor related (DOC-1R) mRNA, complete cds//1.5e-47:238:98//Hs.25664:AF089814

10 R-HEMBA1002237//ESTs//6.9e-35:357:76//Hs.116518:AA653202

R-HEMBA1002253//EST//6.0e-19:125:81//Hs.140596:AA829426

15 R-HEMBA1002257

R-HEMBA1002267//ESTs, Weakly similar to HYPOTHETICAL 27.8 KD PROTEIN IN VMA7-RPS31A INTERGENIC REGION [S.cerevisiae]//1.3e-31:201:91//Hs.114673:W72675

20 R-HEMBA1002270//ESTs//4.6e-100:483:97//Hs.34940:AI264314

R-HEMBA1002321//ESTs//2.3e-85:403:99//Hs.120388:AA723595

25 R-HEMBA1002328//ESTs//1.3e-90:423:100//Hs.117936:AI280818

R-HEMBA1002337//ESTs//8.7e-24:147:93//Hs.9893:AA007679

30 R-HEMBA1002341//Homo sapiens mRNA for KIAA0771 protein, partial cds//7.8e-130:642:96//Hs.6162:AB018314

35 R-HEMBA1002348//ESTs//5.0e-71:387:93//Hs.30494:H04822

R-HEMBA1002349//ESTs//9.7e-88:420:98//Hs.132972:AA543094

40 R-nnnnnnnnnnnnn//Homo sapiens chromosome-associated protein-E (hCAP-E) mRNA, complete cds//3.9e-123:661:93//Hs.119023:AF092563

R-HEMBA1002381//ESTs//1.3e-73:352:99//Hs.56121:AA781435

45 R-HEMBA1002389//EST//2.3e-05:132:69//Hs.37558:H58237

R-HEMBA1002417//Homo sapiens chromosome 19, cosmid R28784//3.9e-63:358:91//Hs.25527:AC005954

50 R-HEMBA1002419//ESTs, Weakly similar to APK1 antigen [H.sapiens]//5.6e-87:429:96//Hs.13209:AI417849

55 R-HEMBA1002430//ESTs//0.10:388:57//Hs.119238AA476267

R-HEMBA1002439//Human mRNA for KIAA0080 gene, partial cds//2.0e-22:181:80//Hs.74554:

EP 1 074 617 A2

D38522

- 5 R-HEMBA1002458//ESTs//1.8e-88:448:95//Hs.97914:AA769069
- R-HEMBA1002460//Catalase//0.67:314:60//Hs.76359:X04085
- 10 R-HEMBA1002462//EST//0.032:44:88//Hs.161536:N80395
- R-nnnnnnnnnnnn//ESTs, Weakly similar to F08G12.1 [C.elegans]//5.4e-95:488:95//Hs.108115:AA582193
- 15 R-HEMBA1002477//Homo sapiens KIAA0395 mRNA, partial cds//2.5e-37:281:80//Hs.43681:AL022394
- 20 R-HEMBA-1002486//Small inducible cytokine A5 (RANTES)//1.1e-49:311:88//Hs.155464:AF088219
- R-HEMBA1002495//ESTs//1.2e-94:457:98//Hs.42140:AI188995
- 25 R-HEMBA1002498//ESTs//1.7e-35:240:78//Hs.119871:AA705133
- R-HEMBA1002503//ESTs//2.3e-14:64:85//Hs.140190:AA701449
- 30 R-HEMBA1002508//ESTs//0.00057:160:62//Hs.149661:AA872990
- R-nnnnnnnnnnnn//Homo sapiens mRNA for histone deacetylase-like protein (JM21)//2.3e-113:456:92//Hs.6764:AJ011972
- 35 R-HEMBA1002515//EST//1.0:153:63//Hs.118045:N51715
- 40 R-HEMBA1002538//Homo sapiens mRNA for KIAA0454 protein, partial cds//5.1e-106:564:93//Hs.129928:AB007923
- R-HEMBA1002542//ESTs//1.0e-101:539:93//Hs.93872:AA524700
- 45 R-HEMBA1002547//EST//8.7e-27:151:96//Hs.132145:AI041804
- R-HEMBA1002552//EST//5.9e-49:335:85//Hs.149580:AI281881
- 50 R-HEMBA1002555//ESTs//1.1e-77:461:91//Hs.38750:N30012
- R-HEMBA1002558//Homo sapiens 4F5S mRNA, complete cds//1.3e-42:264:89//Hs.32567:AF073519
- 55 R-HEMBA1002561//Small inducible cytokine A5 (RANTES)//6.4e-40:196:78//Hs.155464:AF088219

EP 1 074 617 A2

R-nnnnnnnnnnnnn//Homo sapiens protein associated with Myc mRNA, complete cds//1.4e-120:587:97//Hs.151411:AF075587

5 R-HEMBA1002583//ESTs//7.1e-79:410:95//Hs.21599:AA478904

R-HEMBA1002590//EST//3.3e-54:278:97//Hs.138637:N20838

10 R-HEMBA1002592//ESTs//2.6e-44:500:74//Hs.110934:N26055

R-HEMBA1002621

15 R-HEMBA1002624//Homo sapiens mRNA for KIAA0808 protein, complete cds//2.2e-77:380:97//Hs.91338:AB018351

20 R-HEMBA1002628//ESTs//0.0020:167:66//Hs.140605:AA830881

R-HEMBA1002629//ESTs//0.00014:50:100//Hs.119132:AA398715

25 R-HEMBA1002645//EST//2.1e-37:285:82//Hs.141728:W73041

R-HEMBA1002651//EST//2.2e-23:374:69//Hs.139357:AA420970

30 R-HEMBA1002659//Human 53K isoform of Type II phosphatidylinositol-4-phosphate 5-kinase (PIPK) mRNA, complete cds//1.5e-53:406:81//Hs.108966:U48696

R-HEMBA1002661//Homo sapiens mRNA for KIAA0764 protein, complete cds//1.1e-41:296:84//Hs.6232:AB018307

35 R-HEMBA1002666//EST//4.4e-09:79:88//Hs.72015:AA151945

40 R-HEMBA1002678//EST, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//7.6e-104:560:92//Hs.161748:T64896

R-nnnnnnnnnnnnn//EST//0.15:136:69//Hs.129570:AA995396

45 R-HEMBA1002688//T-CELL SURFACE PROTEIN TACTILE PRECURSOR//0.16:247:62//Hs.142023:M88282

50 R-HEMBA1002696//ESTs//3.5e-94:529:92//Hs.16725:AA196477

R-HEMBA1002712//Homo sapiens mRNA for KIAA0772 protein, complete cds//6.0e-46:302:86//Hs.15519:AB018315

55 R-HEMBA1002716//ESTs//1.3e-109:555:96//Hs.9812:AA147884

EP 1 074 617 A2

R-HEMBA1002728//Homo sapiens mRNA for KIAA0621 protein, partial cds//3.8e-37:287:81//Hs.132942:AB014521

5 R-HEMBA1002730//ESTs//1.2e-95:488:95//Hs.22030:AA521168

R-HEMBA1002742//ESTs//1.0e-91:437:99//Hs.139987:AA652163

10 R-HEMBA1002746//ESTs//4.4e-97:468:98//Hs.129903:AA576526

R-HEMBA1002748//ESTs//5.0e-98:475:98//Hs.125461:AI375792

15 R-HEMBA1002750//ESTs//1.6e-42:223:97//Hs.40460:N36090

R-HEMBA1002768//Homo sapiens mRNA for KIAA0554 protein, partial cds//4.0e-106:545:95//Hs.74750:AB011126

20

R-HEMBA1002770//EST//0.34:294:59//Hs.43091:N22127

R-HEMBA1002777//ESTs//3.0e-85:316:98//Hs.17537:C06491

25

R-HEMBA1002779//Human mRNA for KIAA0013 gene, complete cds//0.25:342:58//Hs.48824:D87717

30 R-HEMBA1002780//Homo sapiens DEC-205 mRNA, complete cds//4.2e-46:449:75//Hs.153563:AF011333

R-HEMBA1002794//ESTs//1.2e-115:559:97//Hs.79741:AI279709

35

R-HEMBA1002801//EST//0.00049:287:60//Hs.126466:AA913320

R-HEMBA1002810//Homo sapiens formin binding protein 21 mRNA, complete cds//1.4e-116:559:97//Hs.28307:AF071185

40

R-HEMBA1002816//Human plectin (PLEC1) mRNA, complete cds//0.28:281:62//Hs.79706:U53204

45

R-HEMBA1002826//EST//6.7e-25:134:99//Hs.134683:AI092013

R-HEMBA1002833//ESTs, Highly similar to ribosome-binding protein p34 [R.norvegicus]//4.3e-25:137:98//Hs.5337:AA243757

50

R-HEMBA1002850//ESTs//0.010:323:57//Hs.18282:W67514

55

R-HEMBA1002863//ESTs//1.1e-67:359:94//Hs.124699:W27830

R-HEMBA1002876//ESTs//0.72:202:62//Hs.144816:AI220827

EP 1 074 617 A2

- R-HEMBA1002886//EST//3.2e-85:401:99//Hs.96580:AA405670
- 5 R-HEMBA1002896//Homo sapiens SH3-containing adaptor molecule-1 mRNA, complete cds//1.2e-107:541:95//Hs.33787:AF037261
- 10 R-HEMBA1002921//Human mRNA for KIAA0189 gene, complete cds//0.84:103:71//Hs.95140:D80011
- R-HEMBA1002924//ESTs//3.5e-86:423:98//Hs.27513:N34820
- 15 R-HEMBA1002934//Human mRNA for KIAA0118 gene, partial cds//2.1e-50:308:88//Hs.154326:D42087
- 20 R-HEMBA1002935//ESTs//1.0e-73:384:95//Hs.118193:N74481
- R-HEMBA1002937//ESTs//0.052:167:65//Hs.145504:AI254165
- 25 R-HEMBA1002939//ESTs//1.6e-94:467:97//Hs.9893:AA007679
- R-HEMBA1002944//ESTs//2.7e-17:176:80//Hs.143768:AA229732
- 30 R-HEMBA1002951//ESTs//3.7e-119:565:98//Hs.16218:AI190892
- R-HEMBA1002954//EST//0.076:285:58//Hs.98706:AA431085
- 35 R-HEMBA1002968//Thiopurine S-methyltransferase//1.9e-46:314:85//Hs.51124:AF019369
- R-HEMBA1002970//EST//0.00050:164:64//Hs.129630:AI000405
- 40 R-HEMBA1002971//Homo sapiens mRNA for KIAA0679 protein, partial cds//2.3e-30:162:99//Hs.5734:AB014579
- 45 R-HEMBA1002973//Small inducible cytokine A5 (RANTES)//5.7e-42:318:81//Hs.155464:AF088219
- R-nnnnnnnnnnnn//ESTs//3.2e-18:102:100//Hs.146255:AA197064
- 50 R-HEMBA1002999//ESTs, Moderately similar to lamina associated polypeptide 1C [R.norvegicus]//7.9e-113:560:96//Hs.125749:AI377682
- R-HEMBA1003021//Homo sapiens PYRIN (MEFV) mRNA, complete cds//3.3e-42:290:85//Hs.113283:AF018080
- 55 R-HEMBA1003033//ESTs//2.8e-77:417:94//Hs.138860:W47480

EP 1 074 617 A2

- R-HEMBA1003034//ESTs//3.7e-42:429:74//Hs.132818:AI038577
- 5 R-HEMBA1003035//ESTs//0.025:156:64//Hs.8473:T40827
- R-HEMBA1003037//ESTs//0.69:381:57//Hs.47312:AI240366
- 10 R-HEMBA1003041//ESTs, Highly similar to PUTATIVE SERINE/THREONINE-PROTEIN KINASE C41C4.4 IN CHROMOSOME II PRECURSOR [Caenorhabditis elegans]//5.6e-34:280:79//Hs.114905:AA088442
- 15 R-HEMBA1003046//Homo sapiens mitochondrial processing peptidase beta-subunit mRNA, complete cds//1.3e-119:578:97//Hs.44097:AF054182
- R-HEMBA1003064//ESTs//7.8e-85:419:96//Hs.87020:AA706627
- 20 R-HEMBA1003067//Von Hippel-Lindau syndrome//2.0e-30:299:75//Hs.78160:AF010238
- R-HEMBA1003071//ESTs//2.3e-74:360:98//Hs.17270:AA701903
- 25 R-HEMBA1003077//ESTs, Weakly similar to KIAA0405 [H.sapiens]//1.1e-90:434:99//Hs.14146:W92235
- R-HEMBA1003078//ESTs//5.9e-16:156:77//Hs.142684:AA902402
- 30 R-HEMBA1003079//ESTs//0.16:341:58//Hs.95923:AI075249
- R-HEMBA1003083//Small inducible cytokine A5 (RANTES)//1.9e-39:284:83//Hs.155464:AF088219
- 35 R-HEMBA1003086//EST//1.0e-48:372:82//Hs.161917:AA483223
- 40 R-HEMBA1003096//ESTs, Weakly similar to Mouse 19.5 mRNA, complete cds [M.musculus]//4.2e-100:531:94//Hs.104800:AA709155
- R-HEMBA1003098//ESTs//4.2e-107:537:96//Hs.107213:AA121624
- 45 R-HEMBA1003117//ESTs//2.4e-67:331:97//Hs.157158:AI150058
- R-HEMBA1003129//Human nucleolar fibrillar center protein (ASE-1) mRNA, complete cds//2.1e-13:109:88//Hs.118717:U86751
- 50 R-HEMBA1003133//ESTs//1.1e-34:180:98//Hs.159387:AI370845
- 55 R-HEMBA1003136//ESTs, Weakly similar to MANNOSE-1-PHOSPHATE GUANYLTRANSFERASE [Saccharomyces cerevisiae]//9.2e-114:577:95//Hs.27059:AI088615

EP 1 074 617 A2

R-HEMBA1003142//Small inducible cytokine A5 (RANTES)//1.1e-45:285:88//Hs.155464:AF088219

5 R-HEMBA1003148//Homo sapiens mRNA for dachshund protein//3.6e-118:586:96//Hs.63931:AJ005670

10 R-HEMBA1003166//ESTs//1.6e-96:479:96//Hs.119940:AA705933

R-HEMBA1003175//ESTs//2.7e-74:407:92//Hs.139167:AA715389

15 R-HEMBA1003197//ESTs//1.6e-68:384:94//Hs.120969:W92000

R-HEMBA1003199//Sjogren syndrome antigen B (autoantigen La)//0.19:328:57//Hs.83715:X69804

20 R-HEMBA1003202//Homo sapiens mRNA for KIAA0640 protein, partial cds//1.3e-40:290:83//Hs.153026:AB014540

25 R-HEMBA1003204//ESTs//1.1e-34:215:91//Hs.108090:AA424943

R-HEMBA1003212//ESTs//1.9e-81:441:93//Hs.28471:W20265

30 R-HEMBA1003220//ESTs, Weakly similar to MITOCHONDRIAL 40S RIBOSOMAL PROTEIN S28 PRECURSOR [S.cerevisiae]//1.6e-40:232:93//Hs.107707:N32817

35 R-HEMBA1003227//ESTs, Weakly similar to weak similarity to HSP90 [C.elegans]//1.1e-42:310:85//Hs.23294:W27666

R-HEMBA1003229//ESTs//4.8e-18:133:90//Hs.61763:AA035305

40 R-HEMBA1003235//ESTs//7.7e-35:201:78//Hs.163979:AA828834

R-HEMBA1003250//Homo sapiens p21-activated kinase 3 (PAK3) mRNA, complete cds//7.4e-05:534:58//Hs.152663:AF068864

45 R-HEMBA1003257//EST//1.4e-95:473:97//Hs.32443:H28929

50 R-HEMBA1003273//Small inducible cytokine A5 (RANTES)//2.6e-38:253:86//Hs.155464:AF088219

R-HEMBA1003276//ESTs//7.6e-55:269:99//Hs.23817:AA526392

55 R-HEMBA1003278//ESTs//2.6e-45:301:71//Hs.51652:AI084785

R-HEMBA1003281

EP 1 074 617 A2

R-HEMBA1003291//Homo sapiens mRNA for KIAA0537 protein, complete cds//9.7e-117:551:99//Hs.12836:AB011109

5 R-HEMBA1003296//ESTs//4.8e-17:210:72//Hs.44451:AA203266

R-HEMBA1003304//ESTs//2.8e-98:468:98//Hs.120849:AI148353

10 R-HEMBA1003309//ESTs//1.8e-97:455:99//Hs.11571:AA713504

R-HEMBA1003314//Homo sapiens mRNA for leucine zipper bearing kinase, complete cds//8.9e-113:545:97//Hs.124224:AB001872

15 R-HEMBA1003322//ESTs//4.9e-79:419:95//Hs.138760:N66869

20 R-HEMBA1003327//Homo sapiens clone 23622 mRNA sequence//1.4e-16:177:78//Hs.151608:AF052119

25 R-HEMBA1003328//H.sapiens mRNA for MACH-alpha-2 protein//2.1e-43:269:88//Hs.19949:X98173

R-HEMBA1003330//Homo sapiens poly(A) binding protein II (PABP2) gene, complete cds//0.66:64:76//Hs.117176:AF026029

30 R-HEMBA1003348//ESTs//1.4e-35:185:78//Hs.117879:H77357

35 R-HEMBA1003369//ESTs, Weakly similar to F59C6.9 [C.elegans]//3.2e-113:553:97//Hs.65539:AI148540

R-HEMBA1003370//ESTs//2.0e-46:319:86//Hs.37573:H59651

40 R-HEMBA1003373//ESTs//1.6e-31:136:81//Hs.114849:AI139588

R-HEMBA1003376//ESTs//3.0e-47:383:80//Hs.138852:AA284247

45 R-HEMBA1003380//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//1.8e-11:261:65//Hs.87578:AI125363

R-HEMBA1003384//EST//0.00013:82:75//Hs.141237:H57847

50 R-HEMBA1003395//ESTs//5.2e-78:379:98//Hs.162208:AA536127

R-HEMBA1003402//ESTs//8.6e-14:108:89//Hs.55424:AA774204

55 R-nnnnnnnnnnnnn//ESTs//1.7e-24:188:85//Hs.70266:Z78309

R-HEMBA1003417//ESTs//4.2e-74:396:94//Hs.55220:D11563

EP 1 074 617 A2

- R-HEMBA1003418//ESTs//3.1e-107:545:95//Hs.3494:AI421013
- 5 R-HEMBA1003433//Homo sapiens nibrin (NBS) mRNA, complete cds//3.2e-115:544:98//Hs.25812:AF058696
- R-HEMBA1003461//ESTs//2.8e-62:304:99//Hs.148747:AI225121
- 10 R-HEMBA1003463//ESTs//2.3e-112:549:97//Hs.104627:AA885516
- R-HEMBA1003480//Homo sapiens PYRIN (MEFV) mRNA, complete cds//7.7e-76:529:84//Hs.113283:AF018080
- 15 R-HEMBA1003528//ESTs//2.1e-59:312:96//Hs.22505:R41688
- R-HEMBA1003531//ESTs//2.2e-17:116:93//Hs.140217:AA702760
- 20 R-HEMBA1003538//Complement component C1r//4.7e-25:333:68//Hs.1279:M14058
- R-HEMBA1003545//ESTs//8.7e-89:432:98//Hs.99497:AA776817
- 25 R-HEMBA1003548//EST//0.0091:274:60//Hs.148336:AA911673
- R-HEMBA1003555//ESTs, Weakly similar to NUCLEOTIDE-BINDING PROTEIN [H.sapiens]//2.8e-93:495:93//Hs.91619:AA552351
- 30 R-HEMBA1003556//ESTs//7.1e-44:406:77//Hs.141575:AA211734
- 35 R-HEMBA1003560//ESTs//4.0e-34:182:97//Hs.14811:AA434522
- R-HEMBA1003568//ESTs//2.0e-101:486:98//Hs.118570:AI342058
- 40 R-HEMBA1003569//ESTs, Moderately similar to metastasis-associated gene [H.sapiens]//4.0e-63:343:93//Hs.58598:AA625440
- R-HEMBA1003571//Homo sapiens clone 23632 mRNA sequence//3.7e-47:338:84//Hs.46918:AF052099
- 45 R-HEMBA1003579//EST//0.00057:239:60//Hs.162828:AA643892
- 50 R-HEMBA1003581//ESTs//2.6e-10:118:79//Hs.44856:N37065
- R-HEMBA1003591//ESTs//2.4e-96:460:98//Hs.128741:AI244212
- 55 R-HEMBA1003595//Human mRNA for KIAA0118 gene, partial cds//1.7e-48:421:78//Hs.154326:D42087

EP 1 074 617 A2

R-HEMBA1003597//EST//1.6e-38:313:80//Hs.160911:AI371042

5 R-HEMBA1003598//ESTs//0.0085:273:61//Hs.145333:AI251374

R-HEMBA1003615

10 R-HEMBA1003617//ESTs//1.0e-111:574:95//Hs.4552:W68167

R-HEMBA1003621//EST//1.7e-31:288:78//Hs.140909:R49387

15 R-HEMBA1003622//EST//1.1e-46:468:75//Hs.139093:AA166888

R-HEMBA1003630//ESTs//1.4e-21:411:69//Hs.128729:AA973021

20 R-HEMBA1003637//ESTs, Weakly similar to !!!! ALU SUBFAMILY SB WARNING ENTRY !!!!
[H.sapiens]/9.3e-24:189:84//Hs.142208:AA209438

R-HEMBA1003640//SLET AMYLOID POLYPEPTIDE PRECURSOR//2.5e-42:332:
25 81//Hs.51048:X68830

R-HEMBA1003645//ESTs//2.4e-77:423:94//Hs.99539:R59010

30 R-HEMBA1003646//ESTs//2.6e-98:549:91//Hs.96427:AA151783

R-HEMBA1003656//Homo sapiens mRNA, chromosome 1 specific transcript
KIAA0488//5.6e-44:245:77//Hs.67619:AB007957

35 R-HEMBA1003662//Human TBX2 (TXB2) mRNA, complete cds//2.6e-17:144:84//Hs.32931:
U28049

40 R-HEMBA1003667//Farnesyltransferase, CAAX box, beta//1.3e-22:170:88//Hs.117596:L00635

R-HEMBA1003679//ESTs, Weakly similar to trithorax homolog HTX, version 2
[H.sapiens]/4.1e-87:434:97//Hs.9489:R84329

45 R-HEMBA1003680//Human DNA-binding protein (HRC1) mRNA, complete cds//0.86:315:
61//Hs.72925:M91083

50 R-HEMBA1003684//ESTs, Highly similar to ZINC FINGER PROTEIN 7 [Homo sapiens]/1.1e-
101:528:95//Hs.22934:AA581379

R-HEMBA1003690//ESTs//0.0021:119:69//Hs.98641:AA429916

55 R-HEMBA1003692//Human cytochrome P450-IIB (hIIB3) mRNA, complete cds//2.0e-43:360:
80//Hs.110194:M29873

EP 1 074 617 A2

R-HEMBA1003711//ESTs//1.0e-70:375:94//Hs.150407:AI279064

5 R-HEMBA1003714//VASOACTIVE INTESTINAL POLYPEPTIDE RECEPTOR 1
 PRECURSOR//0.94:367:62//Hs.1139:X77777

10 R-HEMBA1003715//Homo sapiens PYRIN (MEFV) mRNA, complete cds//5.1e-77:299:
 85//Hs.113283:AF018080

15 R-HEMBA1003720//Homo sapiens TWIK-related acid-sensitive K⁺ channel (TASK) mRNA,
 complete cds//1.2e-33:377:74//Hs.24040:AF006823

R-HEMBA1003725//ESTs//3.8e-103:481:99//Hs.122518:AA778847

20 R-HEMBA1003729//ESTs//2.5e-51:277:95//Hs.26270:AA258839

R-HEMBA1003733//ESTs//1.9e-69:350:96//Hs.139278:AA702592

25 R-HEMBA1003742//ESTs, Moderately similar to T13H5.2 [C.elegans]//4.6e-70:348:
 96//Hs.11282:AI147040

R-HEMBA1003758//ESTs//1.7e-52:306:85//Hs.138852:AA284247

30 R-HEMBA1003760//ESTs//7.4e-76:420:93//Hs.26501:H05089

35 R-HEMBA1003773//ESTs, Highly similar to SIGNAL RECOGNITION PARTICLE RECEPTOR
 BETA SUBUNIT [Mus musculus]//1.9e-77:364:100//Hs.12152:AA156214

R-HEMBA1003783//ESTs, Weakly similar to C01H6.7 [C.elegans]//2.1e-101:558:
 93//Hs.18171:AA524327

40 R-HEMBA1003784//EST//0.83:127:62//Hs.144002:F01600

R-HEMBA1003799//EST//9.7e-30:362:71//Hs.156577:AA860236

45 R-HEMBA1003803//ESTs, Weakly similar to Y53C12A.3 [C.elegans]//2.8e-16:93:
 100//Hs.107747:AI357868

50 R-HEMBA1003804//Interleukin 15//0.13:227:62//Hs.111867:AB007295

R-HEMBA1003805//ESTs//0.029:199:65//Hs.91582:T25344

55 R-HEMBA1003807//EST//2.4e-13:137:81//Hs.145645:AI264163

R-HEMBA1003836//Small inducible cytokine A5 (RANTES)//3.2e-39:284:83//Hs.155464:
 AF088219

EP 1 074 617 A2

5 R-HEMBA1003838//ESTs, Weakly similar to NADH-UBIQUINONE OXIDOREDUCTASE
CHAIN 2 [Paramecium tetraurelia]//6.5e-71:357:96//Hs.107573:AA524333

R-HEMBA1003856//ESTs//8.2e-20:266:71//Hs.48312:N68161

10 R-HEMBA1003864//ESTs//1.6e-99:528:93//Hs.26890:AA449033

R-HEMBA1003866//POLYPOSIS LOCUS PROTEIN 1//0.30:146:64//Hs.74648:M73547

15 R-HEMBA1003879//EST, Weakly similar to DNA-REPAIR PROTEIN COMPLEMENTING XP-A
CELLS [Homo sapiens]//2.1e-59:295:98//Hs.161661:AA166911

R-HEMBA1003880//Homo sapiens clone 24760 mRNA sequence//3.8e-34:286:
79//Hs.61408:AF070621

20 R-HEMBA1003885//ESTs//4.6e-50:293:90//Hs.142314:AA347930

R-HEMBA1003893//Calcium modulating ligand//2.1e-43:294:86//Hs.13572:AF068179

25 R-HEMBA1003902//ESTs//1.8e-43:300:85//Hs.146811:AA410788

R-HEMBA1003908//ESTs//3.5e-91:477:94//Hs.6638:AA536187

30 R-HEMBA1003926//ESTs//7.9e-44:294:87//Hs.164036:AA845659

R-HEMBA1003937//Homo sapiens mRNA for KIAA0585 protein, partial cds//3.5e-48:276:
81//Hs.72660:AB011157

35 R-HEMBA1003939

40 R-HEMBA1003942//ESTs//1.6e-81:428:94//Hs.50418:AA524669

R-HEMBA1003950//ESTs//8.1e-54:283:95//Hs.145528:AI261545

45 R-HEMBA1003953//ESTs//3.8e-30:194:89//Hs.99681:AA504591

R-HEMBA1003958//ESTs//4.0e-45:394:77//Hs.141602:N63562

50 R-HEMBA1003959//ESTs//5.2e-28:197:86//Hs.9951:W56253

R-HEMBA1003976//ESTs//2.0e-29:232:84//Hs.133947:AI074525

55 R-HEMBA1003978//ESTs//3.2e-115:549:98//Hs.76798:AI050882

R-HEMBA1003985//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!!

EP 1 074 617 A2

[H.sapiens]//2.2e-91:448:97//Hs.117834:AA766771

R-HEMBA1003987//ESTs//8.1e-36:193:88//Hs.151844:N92756

5

R-HEMBA1003989//Human mRNA for KIAA0241 gene, partial cds//3.6e-43:360:81//Hs.150275:D87682

10

R-HEMBA1004000//EST//5.5e-62:308:97//Hs.50438:N74105

R-HEMBA1004011//ESTs//8.6e-85:431:96//Hs.36185:R99899

15

R-HEMBA1004012//ESTs//1.3e-40:309:83//Hs.140329:AA714011

R-HEMBA1004015//ESTs//5.1e-97:453:99//Hs.111446:AI333774

20

R-HEMBA1004024//ESTs//5.2e-19:159:79//Hs.138856:H47461

R-HEMBA1004038//ESTs//1.3e-41:346:79//Hs.146173:AA906191

25

R-HEMBA1004042//ESTs//0.0012:201:69//Hs.24248:AA528253

R-HEMBA1004045//ESTs, Weakly similar to putative p150 [H.sapiens]//1.5e-22:365:70//Hs.99692:AA811804

30

R-HEMBA1004048//ESTs//9.5e-104:497:98//Hs.77735:AI125469

R-HEMBA1004049//HEAT SHOCK 70 KD PROTEIN 1//6.3e-31:176:96//Hs.8997:M11717

35

R-HEMBA1004055//ESTs//1.7e-115:577:96//Hs.59503:W63754

R-HEMBA1004056//Homo sapiens PYRIN (MEFV) mRNA, complete cds//5.2e-78:577:82//Hs.113283:AF018080

40

R-HEMBA1004074//EST//1.0:152:61//Hs.149093:AI243988

45

R-HEMBA1004086//ESTs//4.0e-53:266:98//Hs.34658:N98652

R-HEMBA1004097//ESTs//4.4e-46:279:91//Hs.110533:H16251

50

R-HEMBA1004131//Human mRNA for KIAA0128 gene, partial cds//3.0e-43:534:69//Hs.90998:D50918

R-HEMBA1004132//ESTs//4.6e-47:316:86//Hs.141602:N63562

55

R-HEMBA1004133

EP 1 074 617 A2

- R-HEMBA1004138//EST//1.7e-08:211:64//Hs.129189:AA988736
- R-HEMBA1004143//ESTs//4.0e-25:137:97//Hs.21307:AA203320
- 5 R-HEMBA1004146//Small inducible cytokine A5 (RANTES)//4.1e-27:191:86//Hs.155464:AF088219
- 10 R-HEMBA1004150//GRANCALCIN//0.99:357:59//Hs.79381:M81637
- R-HEMBA1004164//Human mRNA for KIAA0118 gene, partial cds//9.5e-47:313:84//Hs.154326:D42087
- 15 R-HEMBA1004168//Homo sapiens geminin mRNA, complete cds//7.7e-112:563:96//Hs.59988:AF067855
- 20 R-HEMBA1004199
- R-HEMBA1004200//EST//3.1e-89:441:97//Hs.141173:R97701
- 25 R-HEMBA1004202//ESTs, Weakly similar to GTP-BINDING PROTEIN YPTM1 [Zea mays]//1.7e-107:552:94//Hs.10092:AI189282
- R-HEMBA1004203//Homo sapiens mRNA for KIAA0618 protein, complete cds//1.5e-96:275:98//Hs.15832:AB014518
- 30 R-HEMBA1004207//Leptin receptor//1.1e-117:573:97//Hs.54515:U50748
- 35 R-HEMBA1004225//EST//9.7e-34:186:95//Hs.137567:R20617
- R-HEMBA1004227//ESTs, Moderately similar to !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!! [H.sapiens]//4.0e-16:117:91//Hs.92033:AA255832
- 40 R-HEMBA1004238//Human mRNA for KIAA0355 gene, complete cds//3.0e-46:338:83//Hs.153014:AB002353
- 45 R-HEMBA1004241//ESTs//1.3e-10:93:87//Hs.137511:AA456389
- R-HEMBA1004246//Homo sapiens LIM protein mRNA, complete cds//2.7e-43:511:72//Hs.154103:AF061258
- 50 R-HEMBA1004248//ESTs, Highly similar to INSULIN-INDUCED GROWTH RESPONSE PROTEIN CL-6 [Rattus norvegicus]//2.1e-61:221:86//Hs.7089:W37284
- 55 R-HEMBA1004264//ESTs//1.5e-80:425:95//Hs.107206:AA234962
- R-HEMBA1004267//ESTs, Moderately similar to !!!! ALU SUBFAMILY SP WARNING ENTRY !!!!

EP 1 074 617 A2

[H.sapiens]/1.4e-89:465:95//Hs.113660:D20018

R-HEMBA1004272//ESTs//4.5e-111:577:94//Hs.115696:N57931

5

R-nnnnnnnnnnnn//Homo sapiens clone 617 unknown mRNA, complete sequence//1.4e-111:553:96//Hs.93677:AF091081

10

R-HEMBA1004276//ESTs, Highly similar to BETA-ADAPTIN [Homo sapiens; Rattus norvegicus; Bos taurus]/4.4e-92:559:89//Hs.28298:AA203228

15

R-HEMBA1004286//Homo sapiens TGF beta receptor associated protein-1 mRNA, complete cds//6.2e-108:538:97//Hs.101766:AF022795

20

R-HEMBA1004289//Sulfotransferase, dehydroepiandrosterone (DHEA) -preferring//1.7e-34:223:75//Hs.81884:U13061

R-HEMBA1004295//ESTs, Weakly similar to weakly similar to ANK repeat region of Fowlpox virus BamHI-orf7 protein [C.elegans]/3.6e-93:496:94//Hs.14337:AA534961

25

R-HEMBA1004306//ESTs//3.4e-26:363:68//Hs.70279:AA757426

R-HEMBA1004312//ESTs//4.8e-64:351:94//Hs.138611:H82679

30

R-HEMBA1004321//Zinc finger protein 44 (KOX 7)//2.6e-37:415:64//Hs.51199:X16281

R-HEMBA1004323//ESTs//2.1e-40:280:70//Hs.153300:AA928904

35

R-HEMBA1004327//ESTs//3.8e-72:343:99//Hs.151708:AA554714

R-HEMBA1004330//ESTs//4.0e-52:270:97//Hs.24654:AA456561

40

R-HEMBA1004334//ESTs//1.6e-46:234:98//Hs.47159:AI310231

R-HEMBA1004335//ESTs//1.9e-25:250:76//Hs.155880:AA703336

45

R-HEMBA1004341//ESTs//3.7e-101:480:98//Hs.69321:AA633240

R-HEMBA1004353//Homo sapiens mRNA for c-myc binding protein, complete cds//1.3e-75:444:90//Hs.80686:D89667

50

R-HEMBA1004354//Human mRNA for KIAA0355 gene, complete cds//5.9e-39:286:83//Hs.153014:AB002353

55

R-HEMBA1004356//SINGLE-STRANDED DNA-BINDING PROTEIN MSSP-1//1.3e-107:576:93//Hs.55458:X77494

EP 1 074 617 A2

- R-HEMBA1004366//ESTs//2.3e-94:524:91//Hs.111496:AA652869
- 5 R-HEMBA1004372//EST//0.27:198:60//Hs.162665:AA605057
- R-HEMBA1004389//ESTs//4.1e-102:490:98//Hs.153708:AA687264
- 10 R-HEMBA1004394//ESTs//1.5e-94:471:96//Hs.151647:AA002084
- R-HEMBA1004396//Small inducible cytokine A5 (RANTES)//6.2e-41:285:83//Hs.155464:AF088219
- 15 R-HEMBA1004405//ESTs//2.0e-44:329:83//Hs.136839:H93717
- R-HEMBA1004408//ESTs, Weakly similar to homologous to mouse Rsu-1 [H.sapiens]//6.1e-89:420:99//Hs.88365:AA648933
- 20 R-HEMBA1004429//ESTs, Weakly similar to homeotic protein protein zhx-1 [M.musculus]//3.0e-112:552:96//Hs.12940:AI123518
- 25 R-HEMBA1004433//Human Line-1 repeat mRNA with 2 open reading frames//2.9e-32:463:68//Hs.23094:M19503
- R-HEMBA1004460//ESTs//2.0e-104:574:93//Hs.46848:AA195829
- 30 R-HEMBA1004461//ESTs//2.9e-102:503:98//Hs.16370:AA017033
- R-HEMBA1004479//ELK1, member of ETS oncogene family//1.1e-45:310:75//Hs.116549:AL009172
- 35 R-HEMBA1004482//ESTs//9.1e-05:322:62//Hs.34489:AA759306
- 40 R-HEMBA1004502//ESTs//6.9e-112:566:96//Hs.93985:N50034
- R-HEMBA1004506//EST//5.3e-59:456:80//Hs.72412:AA160941
- 45 R-HEMBA1004507
- R-HEMBA1004509//ESTs, Moderately similar to HYPOTHETICAL 52.2 KD PROTEIN IN MPR1-GCN20 INTERGENIC REGION [Saccharomyces cerevisiae]//2.9e-82:262:99//Hs.12820:AA004271
- 50 R-HEMBA1004534//ESTs, Highly similar to ENDOTHELIAL ACTIN-BINDING PROTEIN [Homo sapiens]//1.1e-43:281:89//Hs.58414:AA196947
- 55 R-HEMBA1004538//EST//3.3e-15:270:71//Hs.136667:AA707972

EP 1 074 617 A2

R-HEMBA1004554

5 R-HEMBA1004560//ESTs//8.2e-25:179:88//Hs.96560:W22924

R-HEMBA1004573//ESTs, Moderately similar to ALR [H.sapiens]//1.0:305:60//Hs.30272:AA134913

10 R-HEMBA1004577//ESTs//7.9e-50:319:89//Hs.22660:AA582243

R-HEMBA1004586//ESTs//2.6e-73:384:96//Hs.9582:R39769

15 R-nnnnnnnnnnnn//ESTs//6.0e-22:190:82//Hs.42530:N41661

R-HEMBA1004610//ESTs//1.2e-91:438:98//Hs.47823:AA780767

20 R-HEMBA1004617//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0501//4.6e-52:327:85//Hs.159897:AB007970

R-HEMBA1004629//ESTs//2.3e-19:215:76//Hs.111995:AI375915

25 R-HEMBA1004631//ESTs//3.6e-99:470:98//Hs.49303:AA810785

R-HEMBA1004632//ESTs//1.0:128:66//Hs.159182:AA831152

30 R-HEMBA1004637//ESTs, Highly similar to HYPOTHETICAL 83.6 KD PROTEIN R05D3.2 IN CHROMOSOME III [Caenorhabditis elegans]//4.8e-111:532:98//Hs.12263:AA282393

35 R-HEMBA1004638//ESTs//1.2e-66:341:95//Hs.122687:AI278454

R-HEMBA1004666//ESTs//2.1e-65:333:96//Hs.98873:AA625442

40 R-HEMBA1004669//ESTs//0.00039:116:74//Hs.138725:N76348

R-HEMBA1004670//ESTs//1.7e-16:116:89//Hs.56825:AI057560

45 R-HEMBA1004672//EST//6.7-e-76:315:97//Hs.20821:R19368

R-HEMBA1004693//ESTs//6.4e-68:327:99//Hs.159066:AI093252

50 R-HEMBA1004697//ESTs//9.3e-98:467:98//Hs.62637:AA043562

R-HEMBA1004705//EST//0.0034:271:58//Hs.112503:AA599042

55 R-HEMBA1004709//EST//1.3e-55:392:85//Hs.149580:AI281881

R-HEMBA1004711//Small inducible cytokine A5 (RANTES)//1.9e-47:449:76//Hs.155464:

EP 1 074 617 A2

AF088219

5 R-HEMBA1004725//EST//1.8e-71:424:88//Hs.155712:AI309235

R-HEMBA1004730//Homo sapiens clone 23892 mRNA sequencer//2.1e-44:467:73//Hs.91916:AF035317

10 R-HEMBA1004733//EST//0.99:84:65//Hs.161372:AI423151

R-HEMBA1004734//ESTs//1.8e-82:421:96//Hs.21275:N73275

15 R-HEMBA1004736//Ataxia telangiectasia mutated (includes complementation groups A, C and D)//9.5e-39:296:82//Hs.51187:U82828

R-HEMBA1004748//ESTs//1.7e-43:166:86//Hs.37573:H59651

20 R-HEMBA1004751//ESTs//8.0e-23:155:88//Hs.149464:AI279428

R-HEMBA1004752//Thromboxane A2 receptor//2.7e-45:281:89//Hs.89887:D38081

25 R-HEMBA1004753//40S RIBOSOMAL PROTEIN S20//8.3e-67:475:84//Hs.8102:L06498

R-HEMBA1004756//ESTs//2.0e-81:384:99//Hs.129545:N68679

30 R-HEMBA1004758//EST//2.0e-43:367:80//Hs.133006:AI049504

R-HEMBA1004763//ESTs//2.0e-108:567:94//Hs.3757:W87380

35 R-HEMBA1004768//ESTs, Weakly similar to RETROVIRUS-RELATED POL POLYPROTEIN [Mus musculus]//1.4e-47:379:81//Hs.141273:H66705

40 R-HEMBA1004770//ESTs//0.0014:246:61//Hs.124857:AA687092

R-HEMBA1004771//ESTs//1.1e-12:323:63//Hs.124146:AA699633

45 R-HEMBA1004776//ESTs//2.5e-112:567:95//Hs.12680:W74476

R-HEMBA1004778//ESTs//1.4e-33:272:75//Hs.141123:AA848167

50 R-nnnnnnnnnnnnn

R-HEMBA1004803//ESTs//1.0e-48:319:86//Hs.139231:W87732

55 R-HEMBA1004806

R-HEMBA1004807//ESTs//6.2e-77:362:100//Hs.140945:N47676

EP 1 074 617 A2

- R-HEMBA1004816//EST//4.3e-18:246:72//Hs.150552:AI053784
- 5 R-HEMBA1004820//Human arginine-rich nuclear protein mRNA, complete cds//5.0e-14:141:85//Hs.80510:M74002
- R-HEMBA1004847
- 10 R-HEMBA1004850//ESTs//1.2e-83:395:99//Hs.30925:AA577120
- R-HEMBA1004863//ESTs//7.5e-21:204:79//Hs.35036:H95267
- 15 R-HEMBA1004864
- R-HEMBA1004865//EST//6.7e-18:191:75//Hs.129944:AA429362
- 20 R-HEMBA1004880//EST//4.4e-70:346:98//Hs.145094:AA452409
- R-HEMBA1004889//ESTs//4.8e-117:496:97//Hs.15641:W63676
- 25 R-HEMBA1004900//ESTs//1.2e-15:283:68//Hs.157606:AI357470
- R-HEMBA1004909//ESTs//7.3e-44:366:79//Hs.140329:AA714011
- 30 R-HEMBA1004918//Human mRNA for KIAA0392 gene, partial cds//4.6e-50:313:89//Hs.40100:AB002390
- 35 R-HEMBA1004923//ESTs//0.013:162:64//Hs.143655:AI128388
- R-HEMBA1004929//EST//2.3e-48:250:97//Hs.131589:AI025053
- 40 R-HEMBA1004930//Cytochrome P450, subfamily I (aromatic compound-inducible), polypeptide 2//1.2e-70:547:80//Hs.1361:M55053
- R-HEMBA1004933//ESTs, Weakly similar to R06C7.6 [C.elegans]//5.3e-110:530:98//Hs.18029:AI422883
- 45 R-HEMBA1004934//ESTs//1.3e-103:522:96//Hs.40415:AA037215
- 50 R-HEMBA1004944//ESTs//6.0e-21:97:84//Hs.141973:N21434
- R-HEMBA1004954//ESTs//7.9e-112:596:93//Hs.6226:W61007
- 55 R-HEMBA1004956//ESTs//3.1e-58:280:100//Hs.120750:AA741074
- R-HEMBA1004960//ESTs//6.9e-89:476:93//Hs.163738:AA601040

EP 1 074 617 A2

- R-HEMBA1004972//ESTs//3.0e-72:381:95//Hs.55014:AA934035
- 5 R-HEMBA1004973//ESTs//2.7e-91:441:98//Hs.28144:AI292065
- R-HEMBA1004977//ESTs//2.0e-95:446:99//Hs.29690:AI168404
- 10 R-HEMBA1004978//Homo sapiens natural killer cell group 2-F (NKG2-F) mRNA, complete cds//0.43:187:67//Hs.129734:AJ001683
- 15 R-HEMBA1004980//Human mRNA for KIAA0331 gene, complete cds//6.4e-53:305:91//Hs.146395:AB002329
- R-HEMBA1004983//ESTs//0.16:482:57//Hs.131929:AI021894
- 20 R-HEMBA1004995
- R-HEMBA1005008//EST, Weakly similar to mariner transposase [H.sapiens]//6.9e-51:482:78//Hs.141601:N63520
- 25 R-HEMBA1005009//ESTs, Highly similar to ACTIN I [Naegleria fowleri]//3.8e-109:551:96//Hs.103180:AI365212
- 30 R-HEMBA1005019//Homo sapiens mRNA for KIAA0648 protein, partial cds//2.0e-105:542:94//Hs.31921:AB014548
- 35 R-HEMBA1005029//ESTs, Weakly similar to LINE-1 REVERSE TRANSCRIPTASE HOMOLOG [Homo sapiens]//8.4e-95:491:94//Hs.16085:AI261382
- R-HEMBA1005035//Human mRNA for KIAA0033 gene, partial cds//2.3e-64:312:85//Hs.22271:D26067
- 40 R-HEMBA1005039//ESTs, Weakly similar to zinc finger protein [H.sapiens]//2.6e-48:443:78//Hs.139019:N99348
- 45 R-HEMBA1005047//ESTs, Highly similar to RAS-RELATED PROTEIN RAB-5A [Canis familiaris]//1.2e-87:542:87//Hs.16258:AI376436
- R-HEMBA1005050//ESTs//6.3e-46:311:86//Hs.159510:AA297145
- 50 R-HEMBA1005062//ESTs//1.1e-14:216:68//Hs.129935:AA994451
- 55 R-HEMBA1005066//Human clone 23574 mRNA sequence//2.2e-24:303:73//Hs.79385:U90905
- R-HEMBA1005075//EST//0.65:214:62//Hs.133991:AI075789

EP 1 074 617 A2

- R-HEMBA1005079//Human BENE mRNA, partial cds//1.9e-44:304:83//Hs.85889:U17077
- 5 R-HEMBA1005083//ESTs//2.8e-74:356:98//Hs.132272:AI393958
- R-HEMBA1005101//Homo sapiens SYT interacting protein SIP mRNA, complete cds//1.7e-111:545:96//Hs.11170:AF080561
- 10 R-HEMBA1005113//ESTs//1.1e-101:512:95//Hs.7972:AI052739
- R-HEMBA1005123//Ley I-L//3.6e-58:519:77//Hs.37062:AC005952
- 15 R-HEMBA1005133//H.sapiens mRNA for MACH-alpha-2 protein//8.3e-46:309:85//Hs.19949:X98173
- 20 R-HEMBA1005149//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0488//4.7e-36:394:75//Hs.67619:AB007957
- R-HEMBA1005152//Homo sapiens antigen NY-CO-16 mRNA, complete cds//3.6e-32:362:77//Hs.132206:AF039694
- 25 R-HEMBA1005159//EST//7.4e-47:252:94//Hs.134930:AI093397
- 30 R-HEMBA1005185//ESTs//5.2e-48:305:89//Hs.14920:AA910914
- R-HEMBA1005201//ESTs//4.7e-58:293:97//Hs.23752:C05766
- 35 R-HEMBA1005202//ESTs//1.0:169:59//Hs.153423:AI198239
- R-HEMBA1005219//Homo sapiens putative tumor suppressor protein (123F2) mRNA, complete cds//0.84:191:61//Hs.26931:AF061836
- 40 R-HEMBA1005223//ESTs//0.75:90:70//Hs.127446:AA167284
- R-HEMBA1005232//EST//0.056:162:67//Hs.65649:F13687
- 45 R-HEMBA1005241//ESTs//3.6e-113:564:96//Hs.12770:W84331
- R-HEMBA1005244//ESTs//6.4e-22:118:100//Hs.21396:AA114834
- 50 R-HEMBA1005251//ESTs//8.5e-36:213:92//Hs.161554:AA393896
- R-HEMBA1005252//Homo sapiens mRNA for KIAA0585 protein, partial cds//6.1e-49:277:93//Hs.72660:AB011157
- 55 R-HEMBA1005274//ESTs//3.7e-65:322:98//Hs.105166:AA668862

EP 1 074 617 A2

- R-HEMBA1005275//ESTs//2.1e-29:298:73//Hs.33393:R83391
- 5 R-HEMBA1005293//ESTs//3.5e-93:448:98//Hs.12066:AI208611
- R-HEMBA1005296//ESTs//4.3e-33:168:100//Hs.13916:AI025750
- 10 R-HEMBA1005304//Small inducible cytokine A5 (RANTES)//2.8e-50:315:82//Hs.155464:AF088219
- 15 R-HEMBA1005311//Homo sapiens 4F5S mRNA, complete cds//1.3e-44:318:83//Hs.32567:AF073519
- R-HEMBA1005314//ESTs//3.0e-103:491:98//Hs.41606:AI095046
- 20 R-HEMBA1005315//EST//1.9e-29:370:72//Hs.161483:N59169
- R-HEMBA1005318//ESTs//3.9e-110:535:97//Hs.26771:AA126472
- 25 R-HEMBA1005331//Intercellular adhesion molecule 2//7.6e-39:256:87//Hs.83733:X15606
- R-HEMBA1005353//ESTs//1.7e-81:406:96//Hs.155374:AI341467
- 30 R-HEMBA1005359//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete cds//4.7e-46:294:81//Hs.129735:AF010144
- 35 R-HEMBA1005367//Alcohol dehydrogenase 2 (class I), beta polypeptide//1.0:210:62//Hs.4:X03350
- R-HEMBA1005372//ESTs//6.2e-95:451:99//Hs.135219:AI091653
- 40 R-HEMBA1005374//ESTs//1.5e-107:502:99//Hs.118208:AA947305
- R-HEMBA1005389//Fc fragment of IgA, receptor for//1.0e-39:311:80//Hs.54486:X54150
- 45 R-HEMBA1005394//ESTs, Weakly similar to coded for by C. elegans cDNA yk30b3.5 [C.elegans]//4.0e-88:489:92//Hs.43864:AA131568
- 50 R-HEMBA1005403//EST//0.0011:78:75//Hs.127061:AA863278
- R-HEMBA1005408//ESTs//3.2e-29:395:71//Hs.117532:AA676725
- 55 R-HEMBA1005410//ESTs//1.5e-18:271:70//Hs.144604:AI052059
- R-HEMBA1005411//ESTs//1.1e-35:335:77//Hs.141181:R98757

EP 1 074 617 A2

R-HEMBA1005423//Homo sapiens cyclin-dependent kinase inhibitor (CDKN2C) mRNA, complete cds//1.8e-118:453:99//Hs.4854:AF041248

5 R-HEMBA1005426//Chromosome 1 specific transcript KIAA0491//0.25:264:61//Hs.136309:AB007960

10 R-HEMBA1005443//Homo sapiens (clone s153) mRNA fragment//1.7e-47:305:87//Hs.6445:L40391

R-HEMBA1005447//ESTs//5.7e-83:529:86//Hs.114253:AA745961

15 R-HEMBA1005468//ESTs//7.3e-23:249:73//Hs.61199:AA024494

20 R-HEMBA1005469//Human mRNA for KIAA0355 gene, complete cds//4.5e-45:320:85//Hs.153014:AB002353

R-HEMBA1005472//Human kpni repeat mrna (cdna clone pcd-kpni-8), 3' end//8.4e-73:464:87//Hs.103948:K00627

25 R-HEMBA1005475//ESTs//0.32:192:59//Hs.62694:AA100445

R-HEMBA1005497

30 R-HEMBA1005500//ESTs//2.2e-43:307:85//Hs.146811:AA410788

35 R-HEMBA1005506//75 kda infertility-related sperm protein [human, testis, mRNA Partial, 2427 nt]//0.11:295:60//Hs.62608:S58544

R-HEMBA1005508//ESTs//2.8e-55:319:93//Hs.50150:N90870

40 R-HEMBA1005511//ESTs, Weakly similar to similar to mouse MMR1 [C.elegans]//2.6e-82:387:99//Hs.67466:AI219740

R-HEMBA1005517//ESTs//4.6e-77:469:90//Hs.126787:AA203322

45 R-HEMBA1005518//ESTs//1.5e-108:561:94//Hs.123167:AA601045

50 R-HEMBA1005520//Putative mismatch repair/binding protein hMSH3//7.5e-44:179:84//Hs.42674:U61981

R-HEMBA1005526//ESTs//8.7e-46:308:86//Hs.146811:AA410788

55 R-HEMBA1005528//ESTs, Highly similar to POP2 PROTEIN [Saccharomyces cerevisiae]//8.6e-115:578:95//Hs.17035:AI080471

R-HEMBA1005530//ESTs//1.5e-110:551:96//Hs.107294:W72350

EP 1 074 617 A2

R-HEMBA1005548//ESTs//1.7e-100:510:96//Hs.9115:N90926

5 R-HEMBA1005552//Interleukin 10//2.4e-38:306:80//Hs.2180:M57627

R-HEMBA1005558//ESTs, Weakly similar to unknown [S.cerevisiae]//5.3e-77:439:91//Hs.22897:R43193

10 R-HEMBA1005568//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//3.4e-31:182:76//Hs.133526:N21103

15 R-HEMBA1005570//ESTs//3.3e-67:411:88//Hs.142245:AA489709

R-HEMBA1005576//EST//0.91:52:73//Hs.149518:AI280497

20 R-HEMBA1005577

R-HEMBA1005581//Homo sapiens mRNA for MEGF5, partial cds//3.1e-28:561:64//Hs.57929:AB011538

25 R-HEMBA1005582//ESTs//6.0e-73:371:97//Hs.103758:C06392

R-HEMBA1005583//ESTs//8.3e-79:413:95//Hs.62348:AA419539

30 R-HEMBA1005588//Human c-yes-1 mRNA//2.6e-52:403:83//Hs.75680:M15990

R-HEMBA1005593//ESTs//3.3e-30:139:80//Hs.142273:W37905

35 R-HEMBA1005595//ESTs//1.1e-97:454:100//Hs.27497:AI274820

R-HEMBA1005606//EST//1.0e-12:313:64//Hs.162402:AA573125

40 R-HEMBA1005609//ESTs//0.49:278:58//Hs.76235:W56390

R-HEMBA1005616//EST//1.3e-98:470:99//Hs.122230:AA781422

45 R-HEMBA1005621//ESTs, Weakly similar to MITOTIC MAD2 PROTEIN [S.cerevisiae]//2.8e-95:539:92//Hs.19400:AA662845

50 R-HEMBA1005627//Human mRNA for adipogenesis inhibitory factor//5.5e-38:317:78//Hs.1721:X58377

R-HEMBA1005631//Human mRNA for KIAA0393 gene, complete cds//2.3e-11:279:65//Hs.15245:AF041081

55 R-HEMBA1005632//EST//1.5e-10:181:70//Hs.120259:AA731522

EP 1 074 617 A2

- 5 R-HEMBA1005634//Homo sapiens mRNA for chemokine LEC precursor, complete cds//1.4e-25:234:80//Hs.10458:AF088219
- R-HEMBA1005666//ESTs//2.3e-103:534:95//Hs.14512:AA205973
- 10 R-HEMBA1005670//ESTs//2.6e-39:166:81//Hs.139414:AI279477
- R-HEMBA1005679//Esterase D/formylglutathione hydrolase//1.3e-50:322:88//Hs.82193:M13450
- 15 R-HEMBA1005680//Homo sapiens LIM protein mRNA, complete cds//3.3e-43:343:81//Hs.154103:AF061258
- 20 R-HEMBA1005685//Human homeodomain protein (Prox 1) mRNA, complete cds//0.0050:235:64//Hs.159437:U44060
- R-HEMBA1005699//Human putative EPH-related PTK receptor ligand LERK-8 (Eplg8) mRNA, complete cds//1.7e-47:376:84//Hs.26988:U66406
- 25 R-HEMBA1005705//ESTs//3.0e-53:259:99//Hs.55314:AA772055
- R-HEMBA1005717//EST//2.5e-59:287:99//Hs.146870:AI159943
- 30 R-HEMBA1005732//Homo sapiens mRNA for cartilage-associated protein (CASP)//1.2e-45:398:79//Hs.155481:AJ006470
- 35 R-HEMBA1005737//ESTs//2.5e-57:416:83//Hs.23245:AA053815
- R-nnnnnnnnnnnn//EST//0.098:125:68//Hs.136945:AA765672
- 40 R-HEMBA1005755//EST//2.2e-22:180:84//Hs.141488:N47096
- R-HEMBA1005765//Human peptide transporter (HPEPT1) mRNA, complete cds//3.9e-47:404:80//Hs.2217:U21936
- 45 R-HEMBA1005780//ESTs//1.3e-106:512:97//Hs.11901:AA173974
- 50 R-HEMBA1005813//Homo sapiens mRNA for chemokine LEC precursor, complete cds//2.0e-33:195:84//Hs.10458:AF088219
- R-HEMBA1005815//ESTs//7.6e-19:290:71//Hs.112218:AI038601
- 55 R-HEMBA1005822//ESTs//5.4e-49:246:98//Hs.34804:AA514960
- R-HEMBA1005829//ESTs//2.7e-72:344:99//Hs.54548:AI039201

EP 1 074 617 A2

- R-HEMBA1005834//ESTs//1.6e-44:317:82//Hs.157029:AI080618
- 5 R-HEMBA1005852//ESTs//1.6e-102:544:93//Hs.9911:AA098911
- R-HEMBA1005853//ESTs//1.8e-78:398:95//Hs.140248:AA757917
- 10 R-HEMBA1005884//EST//2.6e-18:275:67//Hs.139357:AA420970
- R-HEMBA1005891//ESTs//2.1e-89:427:98//Hs.67317:AI022252
- 15 R-HEMBA1005894
- R-HEMBA1005909//ESTs//2.6e-91:436:99//Hs.147492:AI215686
- 20 R-HEMBA1005911//ESTs//1.1e-85:446:95//Hs.134494:AI076363
- R-HEMBA1005921//ESTs//1.4e-84:428:95//Hs.127993:AA970632
- 25 R-HEMBA1005931//Homo sapiens mRNA for KIAA0526 protein, complete cds//9.5e-45:446:75//Hs.59403:AB011098
- R-HEMBA1005934//ESTs//0.20:142:65//Hs.97079:AA370867
- 30 R-HEMBA1005962//ESTs//1.8e-87:409:100//Hs.161292:AI199418
- R-HEMBA1005963
- 35 R-HEMBA1005990//Homo sapiens I-1 receptor candidate protein mRNA, complete cds//2.2e-113:580:95//Hs.26285:AF082516
- 40 R-HEMBA1005991//Human antisecretory factor-1 mRNA, complete cds//2.0e-45:551:70//Hs.148495:AF050199
- R-HEMBA1005999//ESTs//7.5e-24:201:69//Hs.157029:AI080618
- 45 R-HEMBA1006002//ESTs//3.1e-112:573:95//Hs.61233:AI379875
- R-HEMBA1006005//EST//1.0:105:63//Hs.145273:AI249436
- 50 R-nnnnnnnnnnnn//Homo sapiens mRNA for KIAA0725 protein, partial cds//2.4e-28:444:67//Hs.26450:AB018268
- 55 R-HEMBA1006035//ESTs//4.5e-94:465:97//Hs.44625:N49951
- R-HEMBA1006036//ESTs//6.1e-90:420:100//Hs.126771:AA916508

EP 1 074 617 A2

R-HEMBA1006042//EST//1.5e-88:424:98//Hs.132551:AA948490

5 R-nnnnnnnnnnnnn

R-HEMBA1006081//ESTs//7.8e-68:356:95//Hs.27410:N25612

10 R-HEMBA1006090//EST//5.1e-66:320:99//Hs.99551:AA461517

R-HEMBA1006091//ESTs//2.0e-84:441:94//Hs.9658:AA506313

15 R-HEMBA1006100//Human high-affinity copper uptake protein (hCTR1) mRNA, complete cds//3.4e-43:328:82//Hs.73614:U83460

R-HEMBA1006108//ESTs//1.5e-44:228:98//Hs.26368:AA789297

20 R-HEMBA1006121//ESTs//1.6e-116:547:99//Hs.34151:AI279293

R-HEMBA1006124//EST//1.6e-20:286:64//Hs.148457:AI198931

25 R-HEMBA1006130//ESTs//8.8e-47:231:99//Hs.16470:AA121635

R-nnnnnnnnnnnnn//Homo sapiens mRNA for KIAA0792 protein, complete cds//8.7e-27:296:73//Hs.119387:AB007958

30 R-HEMBA1006142//ESTs//1.5e-27:255:70//Hs.139507:T77542

R-HEMBA1006155//ESTs//4.9e-64:353:94//Hs.84560:R41212

35 R-HEMBA1006158//Deoxyuridine triphosphatase//0.99:162:62//Hs.82113:U31930

R-HEMBA1006173//ESTs//7.5e-85:462:92//Hs.79092:H29627

40 R-HEMBA1006182//ESTs//5.5e-29:218:72//Hs.141466:H96906

R-HEMBA1006198//ESTs//2.1e-34:282:82//Hs.142068:AA176125

45 R-HEMBA1006235//Homo sapiens clone 24422 mRNA sequence//6.9e-112:545:97//Hs.109268:AF070557

50 R-HEMBA1006248//ESTs, Highly similar to ZINC FINGER PROTEIN MFG1 [Mus musculus]//3.3e-114:581:95//Hs.23617:AA928683

55 R-HEMBA1006252//Human mRNA for KIAA0080 gene, partial cds//7.0e-48:284:76//Hs.74554:D38522

EP 1 074 617 A2

R-HEMBA1006253//Homo sapiens 45kDa splicing factor mRNA, complete cds//5.7e-30:179:91//Hs.15836:AF083384

5 R-HEMBA1006259//Homo sapiens KIAA0421 mRNA, partial cds//1.5e-45:326:84//Hs.41742:AB007881

10 R-HEMBA1006268//ESTs, Highly similar to c-Jun leucine zipper interactive [M.musculus]//1.2e-97:529:93//Hs.10552:AA524401

15 R-HEMBA1006272//ESTs, Moderately similar to RETROVIRUS-RELATED PROTEASE [H.sapiens]//2.7e-88:484:92//Hs.104129:AA923278

R-nnnnnnnnnnnn//H.sapiens PAP mRNA//5.2e-56:585:71//Hs.49007:X76770

20 R-HEMBA1006283//ESTs, Weakly similar to NUCLEAR POLYADENYLATED RNA-BINDING PROTEIN NAB2 [S.cerevisiae]//1.6e-66:377:91//Hs.108674:W25821

R-HEMBA1006284//ESTs//3.7e-110:544:96//Hs.55296:AI084735

25 R-HEMBA1006291//ESTs//2.2e-91:457:96//Hs.114611:N37019

R-HEMBA1006293//ESTs//5.4e-78:370:99//Hs.155111:AI202037

30 R-HEMBA1006309//ERYTHROCYTE BAND 7 INTEGRAL MEMBRANE PROTEIN//3.7e-40:167:86//Hs.74478:U33931

35 R-HEMBA1006310//ESTs, Weakly similar to reverse transcriptase [M.musculus]//5.6e-76:417:94//Hs.111754:AI204587

40 R-HEMBA1006328//Small inducible cytokine A5 (RANTES)//2.8e-60:397:78//Hs.155464:AF088219

R-HEMBA1006334//Human occludin mRNA, complete cds//0.72:369:59//Hs.93518:U49184

45 R-HEMBA1006344//Human plectin (PLEC1) mRNA, complete cds//0.016:217:64//Hs.79706:U53204

50 R-HEMBA1006347//ESTs, Highly similar to HYPOTHETICAL 97.6 KD PROTEIN IN SHP1-SEC17 INTERGENIC REGION [Saccharomyces cerevisiae]//3.6e-119:582:97//Hs.42343:AI417075

R-HEMBA1006349//ESTs//5.2e-57:305:94//Hs.6338:AA411382

55 R-HEMBA1006359//ESTs//8.2e-90:426:99//Hs.100873:AA678008

R-HEMBA1006364//ESTs//2.2e-98:582:91//Hs.23837:AA541787

EP 1 074 617 A2

- R-HEMBA1006377//EST//0.0097:145:621/Hs.133027:AI049830
- 5 R-HEMBA1006380//Homo sapiens mRNA for KIAA0594 protein, partial cds//1.0e-41:349:79//Hs.154872:AB011166
- R-HEMBA1006381//ESTs//5.1e-46:320:85//Hs.37573:H59651
- 10 R-HEMBA1006398//Human Line-1 repeat mRNA with 2 open reading frames//9.0e-87:5 82:84//Hs.23094:M19503
- 15 R-HEMBA1006416//ESTs//1.5e-17:251:73//Hs.33950:AI218923
- R-HEMBA1006419//EST//8.5e-65:353:94//Hs.141309:H72778
- 20 R-HEMBA1006421//Oxytocin receptor//1.2e-12:249:68//Hs.2820:X64878
- R-HEMBA1006424//ESTs, Weakly similar to pot. ORF II [H.sapiens]//6.3e-13:263:66//Hs.43127:AA258004
- 25 R-HEMBA1006426//ESTs//6.5e-84:401:99//Hs.37303:C16964
- R-HEMBA1006438//EST//0.87:266:57//Hs.99456:AA457380
- 30 R-HEMBA1006445//ESTs//2.0e-81:414:96//Hs.58153:W72033
- R-HEMBA1006446//Homo sapiens mRNA for cadherin-6, complete cds//1.6e-05:487:58//Hs.32963:D31784
- 35 R-HEMBA1006461//ESTs//5.1e-78:393:97//Hs.142677:R95895
- 40 R-HEMBA1006467//ESTs, Weakly similar to putative p150 [H.sapiens]//3.0e-17:342:63//Hs.111730:AA604403
- R-HEMBA1006471//ESTs//3.8e-66:370:92//Hs.14063:T77441
- 45 R-HEMBA1006474
- R-HEMBA1006483//Human G protein-coupled receptor (STRL22) mRNA, complete cds//4.2e-40:365:78//Hs.46468:U45984
- 50 R-HEMBA1006485//H.sapiens mRNA for aminopeptidase//2.5e-92:517:91//Hs.132243:Y07701
- 55 R-HEMBA1006486//EST//7.0e-47:240:76//Hs.161917:AA483223

EP 1 074 617 A2

R-HEMBA1006489//ESTs//2.1e-93:440:99//Hs.125264:AA873350

R-HEMBA1006492//ESTs//0.00034:52:90//Hs.163219:AA810720

5 R-HEMBA1006494//EST//1.8e-06:192:67//Hs.141401:H93387

R-HEMBA1006497//ESTs//6.2e-45:232:97//Hs.118015:N33117

10 R-HEMBA1006502//Complement component 5 receptor 1 (C5a ligand)//8.7e-16:135:72//Hs.2161:M62505

15 R-HEMBA1006507//Homo sapiens mRNA for KIAA0666 protein, partial cds//3.9e-117:570:96//Hs.153858:AB014566

R-HEMBA1006521//ESTs//9.9e-99:496:96//Hs.64906:AA677300

20 R-HEMBA1006530//ESTs//0.18:260:60//Hs.24970:AI057628

R-HEMBA1006535//GS1 PROTEIN//0.52:267:62//Hs.78991:M86934

25 R-HEMBA1006540//EST//0.016:143:66//Hs.148189:AA897331

R-HEMBA1006546//Homo sapiens mRNA for KIAA0582 protein, partial cds//2.2e-48:287:91//Hs.79507:AB011154

30 R-HEMBA10065597//ESTs, Moderately similar to neurodegeneration-associated protein 1 [R.norvegicus]//1.8e-109:547:96//Hs.21122:AA191594

35 R-HEMBA1006562//EST//1.1e-13:327:63//Hs.149641:AI283064

R-HEMBA1006566//ESTs//2.6e-59:311:97//Hs.146014:R51876

40 R-HEMBA1006569//ESTs//4.7e-89:458:96//Hs.42861:W74725

R-HEMBA1006579//ESTs//2.9e-19:110:99//Hs.126191:AA873876

45 R-HEMBA1006583//Human mRNA for tryptophan hydroxylase (EC 1.14.16.4)//9.5e-29:276:76//Hs.144563:AF057280

50 R-HEMBA1006595//ESTs//1.3e-96:487:96//Hs.43228:N67390

R-HEMBA1006597//Small inducible cytokine A5 (RANTES)//9.8e-44:291:85//Hs.155464:AF088219

55 R-HEMBA1006612

EP 1 074 617 A2

R-nnnnnnnnnnnn//ESTs//1.2e-25:225:80//Hs.138852:AA284247

R-HEMBA1006624//ESTs//1.9e-93:454:98//Hs.72531:AA773630

5

R-HEMBA1006631//Human mRNA for KIAA0033 gene, partial cds//7.5e-60:286:90//Hs.22271:D26067

10

R-HEMBA1006635//ESTs, Moderately similar to !!!! ALU SUBFAMILY SP WARNING ENTRY !!!!
[H.sapiens]//2.7e-91:426:100//Hs.139469:AI299889

15

R-HEMBA1006639//ESTs, Highly similar to POLYADENYLATE-BINDING PROTEIN [Homo sapiens]//3.4e-37:186:100//Hs.109818:AA411185

R-HEMBA1006643//ESTs//1.8e-35:189:97//Hs.139640:AA846777

20

R-HEMBA1006648//Homo sapiens integrin-linked kinase (ILK) mRNA, complete cds//8.1e-108:567:94//Hs.6196:U40282

R-HEMBA1006652//ESTs//7.6e-100:536:93//Hs.142613:AA129427

25

R-HEMBA1006653//ESTs//2.0e-33:181:87//Hs.153599:AI282511

R-HEMBA1006665//EST//1.2e-13:141:72//Hs.145596:AI263102

30

R-HEMBA1006674//ESTs//3.1e-32:212:83//Hs.95115:AA206594

R-HEMBA1006676//ESTs//2.6e-95:510:93//Hs.39140:AI041842

35

R-HEMBA1006682//EST//1.4e-05:277:62//Hs.145762:AI269435

40

R-HEMBA1006695//Homo sapiens apoptotic protease activating factor 1 (Apaf-1) mRNA, complete cds//1.9e-32:261:79//Hs.77579:AF013263

R-HEMBA1006696//ESTs//4.5e-95:448:99//Hs.155694:AI032695

45

R-HEMBA1006708//ESTs, Weakly similar to Miller-Dieker lissencephaly gene
[H.sapiens]//1.1e-92:483:94//Hs.6525:AI205313

R-HEMBA1006709//ESTs//3.4e-25:207:80//Hs.88617:AA872062

50

R-HEMBA1006717

R-HEMBA1006737//EST//5.9e-30:317:75//Hs.140568:AA826002

55

R-HEMBA1006744//Interleukin 10//3.7e-41:419:74//Hs.2180:M57627

EP 1 074 617 A2

R-HEMBA1006754//ESTs//1.2e-46:276:83//Hs.141254:AI334099

5 R-HEMBA1006758//ESTs//0.00043:48:100//Hs.157265:AA489646

R-HEMBA1006767//EST//0.094:120:65//Hs.159873:R92763

10 R-HEMBA1006779//EST//9.3e-45:298:85//Hs.149580:AI281881

R-HEMBA1006780//ESTs//1.6e-46:423:77//Hs.141602:N63562

15 R-HEMBA1006789//ESTs//7.6e-55:245:95//Hs.6459:AI092936

R-HEMBA1006795//ESTs//8.6e-47:315:78//Hs.140491:W52705

20 R-HEMBA1006796//ESTs//0.26:175:65//Hs.103280:AI334978

R-HEMBA1006807//Homo sapiens DEC-205 mRNA, complete cds//5.7e-47:461:75//Hs.153563:AF011333

25 R-HEMBA1006821//ESTs//3.5e-12:222:68//Hs.150439:AI016305

R-HEMBA1006824//Homo sapiens mRNA, clone:RES4-16//6.7e-51:298:90//Hs.121493:D25272

30 R-HEMBA1006832//ESTs//0.0050:108:70//Hs.12853:T65556

R-HEMBA1006849//Human mRNA for KIAA0118 gene, partial cds//2.1e-49:367:83//Hs.154326:D42087

35 R-HEMBA1006865//ESTs//0.85:112:63//Hs.116430:AA644665

40 R-nnnnnnnnnnnn//Homo sapiens mRNA for KIAA0772 protein, complete cds//1.8e-67:611:74//Hs.15519:AB018315

45 R-HEMBA1006885//ESTs//2.4e-66:347:96//Hs.100624:N95453

R-HEMBA1006900//ESTs//2.7e-91:466:96//Hs.32984:R89739

50 R-HEMBA1006921//ESTs//2.2e-33:170:100//Hs.152277:AA593117

R-HEMBA1006926//ESTs, Weakly similar to ZK1053.6 [C.elegans]//2.9e-28:213:84//Hs.9096:AA029400

55 R-HEMBA1006929//ESTs//4.0e-13:210:66//Hs.100895:AA479308

R-HEMBA1006936//ESTs//3.9e-05:60:93//Hs.8737:W22712

EP 1 074 617 A2

R-HEMBA1006938//EST//0.0021:244:62//Hs.144237:W52382

5 R-HEMBA1006941//Homo sapiens mRNA for putative thioredoxin-like protein//6.5e-77:371:98//Hs.42644:AJ010841

R-HEMBA1006949//ESTs//1.2e-67:335:98//Hs.25780:R51321

10 R-HEMBA1006973//ESTs//0.029:242:61//Hs.146074:N34457

R-HEMBA1006976//EST//0.70:206:61//Hs.147092:AI189827

15 R-HEMBA1006993//Human mRNA for KIAA0327 protein, complete cds//2.6e-47:368:80//Hs.149323:AB002325

20 R-HEMBA1006996//ESTs//0.027:326:58//Hs.105008:AA451679

R-HEMBA1007002//ESTs//0.13:116:66//Hs.26928:Z41440

25 R-HEMBA1007017//ESTs//4.3e-47:208:87//Hs.155243:N70293

R-HEMBA1007018//ESTs, Moderately similar to LIC-2 [R.norvegicus]//2.8e-112:558:96//Hs.107905:AI248363

30 R-HEMBA1007045

R-HEMBA1007051//ESTs//2.5e-39:321:80//Hs.146811:AA410788

35 R-HEMBA1007052//EST//3.4e-41:377:74//Hs.44634:N34839

R-HEMBA1007062//ESTs//1.2e-92:439:99//Hs.162882:AA807140

40 R-HEMBA1007066//ESTs//0.85:204:61//Hs.22795:AI208272

R-HEMBA1007073//ESTs//6.6e-52:362:85//Hs.30821:AI096866

45 R-HEMBA1007078//EST, Moderately similar to !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!! [H.sapiens]//7.2e-40:163:83//Hs.152369:AA504818

50 R-HEMBA1007085//ESTs//8.1e-103:519:96//Hs.90638:AI348087

R-HEMBA1007087//ESTs//3.1e-51:354:86//Hs.6449:W95025

55 R-HEMBA1007112//EST//0.090:328:59//Hs.136623:AA633597

R-HEMBA1007113//Homo sapiens mRNA, clone:RES4-16//1.1e-47:427:76//Hs.121493:

EP 1 074 617 A2

D25272

5 R-HEMBA1007129//ESTs//6.1e-13:314:65//Hs.137538:AA769438

R-HEMBA1007147

10 R-HEMBA1007149//ESTs//9.7e-103:540:94//Hs.127240:AA149818

R-HEMBA1007151//ESTs//8.2e-102:505:96//Hs.24948:AA977674

15 R-nnnnnnnnnnn//Homo sapiens epsin 2b mRNA, complete cds//1.6e-104:529:94//Hs.22396:AF062085

R-HEMBA1007178//ESTs//2.2e-57:366:90//Hs.21648:AI302954

20 R-HEMBA1007194//ESTs//9.0e-68:336:98//Hs.49760:AA741051

R-HEMBA1007203//Homo sapiens mRNA for KIAA0214 protein, complete cds//1.7e-62:332:95//Hs.3363:D86987

25 R-HEMBA1007206//Human c-yes-1 mRNA//4.5e-49:390:80//Hs.75680:M15990

30 R-HEMBA1007224//Homo sapiens mRNA for KIAA0797 protein, partial cds//7.4e-98:471:97//Hs.27197:AB018340

R-HEMBA1007251//ESTs//1.6e-78:377:99//Hs.98912:AA436864

35 R-HEMBA1007256//ESTs//3.5e-20:127:79//Hs.137352:AA024934

R-HEMBA1007267//Homo sapiens KIAA0395 mRNA, partial cds//8.8e-48:343:83//Hs.43681:AL022394

40 R-HEMBA1007273//ESTs//1.0e-98:472:98//Hs.122610:AA807062

R-HEMBA1007279//ESTs//3.3e-107:558:94//Hs.126480:AI221207

45 R-HEMBA1007281//EST//0.074:244:63//Hs.29304:R73543

R-HEMBA1007288//EST//9.4e-43:344:81//Hs.162112:AA524804

50 R-HEMBA1007300//ESTs//0.096:371:57//Hs.102680:N52990

R-HEMBA1007301

55 R-HEMBA1007319//ESTs//7.7e-113:570:96//Hs.29263:AI337917

EP 1 074 617 A2

R-HEMBA1007320//ESTs, Moderately similar to hypothetical protein 2 [H.sapiens]/5.5e-15:311:64//Hs.142764:AA205569

5 R-HEMBA1007322//Human kpni repeat mrna (cdna clone pcd-kpni-4), 3' end//5.7e-49:383:83//Hs.139107:K00629

10 R-HEMBA1007327//Human melanoma antigen recognized by T-cells (MART-1) mRNA//1.9e-42:371:79//Hs.154069:U06452

R-HEMBA1007341//EST//3.0e-17:291:68//Hs.150788:AI301848

15 R-HEMBA1007342//EST//2.7e-11:263:67//Hs.145259:AI218684

20 R-HEMBA1007347//Homo sapiens DEC-205 mRNA, complete cds//9.7e-47:368:82//Hs.153563:AF011333

R-HEMBA1007348//ESTs, Weakly similar to putative p150 [H.sapiens]/3.3e-44:341:71//Hs.111730:AA604403

25 R-HEMBA1007349//Homo sapiens tumor necrosis factor superfamily member LIGHT mRNA, complete cds//3.2e-40:292:83//Hs.129708:AF064090

30 R-HEMBA1007350//H.sapiens mRNA for urea transporter//5.0e-49:311:87//Hs.66710:X96969

R-HEMBA1007351//ESTs//7.5e-21:234:76//Hs.157049:AI345418

35 R-HEMBA1007352//ESTs//2.2e-36:371:78//Hs.56562:AA056332

R-HEMBA1007353//ESTs//3.2e-76:373:97//Hs.140190:AA701449

40 R-HEMBA1007354//ESTs, Highly similar to HYPOTHETICAL 43.2 KD PROTEIN C34E10.1 IN CHROMOSOME III [Caenorhabditis elegans]/6.0e-92:477:95//Hs.4877:AA418465

45 R-HEMBA1007355//Homo sapiens erythroblast macrophage protein EMP mRNA, complete cds//2.5e-92:467:97//Hs.20815:AF084928

R-HEMBA1007356//ESTs//1.8e-43:361:71//Hs.108206:N64702

50 R-HEMBA1007357//EST//7.6e-70:367:95//Hs.140860:R42954

R-HEMBA1007358//EST//1.5e-45:262:91//Hs.157627:AI357802

55 R-HEMBA1007359//ESTs//0.039:91:74//Hs.163189:AA236903

R-HEMBA1007360//ESTs//3.0e-104:550:94//Hs.152395:AA533107

EP 1 074 617 A2

R-HEM BB1000055//ESTs, Moderately similar to UBIQUINOL-CYTOCHROME C REDUCTASE COMPLEX SUBUNIT VI REQUIRING PROTEIN [H.sapiens]//1.1e-72:350:99//Hs.116490:AA659584

5

R-HEM BB1000059//ESTs//1.7e-10:200:70//Hs.163954:N57939

10

R-HEM BB1000083//Homo sapiens mRNA for GCP170, complete cds//6.0e-41:337:80//Hs.4953:D63997

15

R-HEM BB1000089//Human mRNA for KIAA0355 gene, complete cds//3.5e-39:487:70//Hs.153014:AB002353

20

R-HEM BB1000099//ESTs//5.7e-37:353:75//Hs.22910:W18193

25

R-HEM BB1000103//Homo sapiens mRNA for KIAA0640 protein, partial cds//6.5e-18:298:69//Hs.153026:AB014540

R-HEM BB1000113//EST//8.2e-94:437:100//Hs.136893:AA805239

30

R-HEM BB1000119//Homo sapiens ASMTL gene//1.2e-84:428:95//Hs.6315:Y15521

R-HEM BB1000136//ESTs//0.043:262:59//Hs.61304:AA025692

35

R-HEM BB1000141//ESTs//5.0e-38:254:79//Hs.141658:N77915

R-HEM BB1000144//ESTs//9.6e-05:235:60//Hs.61700:AA033951

40

R-HEM BB1000173//EST//9.6e-44:258:76//Hs.161917:AA483223

R-HEM BB1000175//ESTs//4.8e-98:475:97//Hs.149740:AI199558

45

R-HEM BB1000198//ESTs//1.0:123:62//Hs.116602:AA665965

R-HEM BB1000215//Human mRNA for KIAA0355 gene, complete cds//2.2e-46:302:86//Hs.153014:AB002353

50

R-HEM BB1000217//ESTs//2.2e-105:496:99//Hs.65973:AI339364

R-HEM BB1000218//Homo sapiens DNA fragmentation factor 40 kDa subunit (DFF40) mRNA, complete cds//1.1e-48:292:79//Hs.133089:AF064019

55

R-HEM BB10002267//ESTs, Weakly similar to HYPOTHETICAL 37.0 KD PROTEIN B0495.8 IN CHROMOSOME II [C.elegans]//5.1e-73:449:89//Hs.16803:AA843214

R-HEM BB1000240//ESTs//1.1e-109:536:97//Hs.13528:AA523106

EP 1 074 617 A2

R-HEMBB1000244//Small inducible cytokine A5 (RANTES)//9.5e-42:323:83//Hs.155464:AF088219

5 R-HEMBB1000250//EST//8.8e-12:284:64//Hs.145960:AI276783

R-HEMBB1000258//EST//4.5e-14:315:66//Hs.162551:AA584782

10 R-HEMBB1000264

R-HEMBB1000266//ESTs, Weakly similar to similar to the beta transducin family [C.elegans]//2.7e-102:556:93//Hs.16079:AA083522

15

R-HEMBB1000272//ESTs//4.3e-91:480:94//Hs.107467:H11385

20 R-HEMBB1000274//Homo sapiens mRNA for KIAA0557 protein, partial cds//7.9e-24:198:72//Hs.101414:AB011129

R-HEMBB1000284//ESTs//4.8e-64:389:91//Hs.118043:N50458

25 R-HEMBB1000307//Human mRNA for KIAA0355 gene, complete cds//3.6e-43:288:87//Hs.153014:AB002353

R-HEMBB1000312//ESTs//6.0e-23:272:73//Hs.121354:AA758601

30

R-HEMBB1000317//ESTs//7.5e-90:424:99//Hs.150042:AI298034

35 R-HEMBB1000318//Small inducible cytokine A5 (RANTES)//3.3e-41:318:80//Hs.155464:AF088219

R-HEMBB1000335//ESTs//3.7e-15:324:65//Hs.85077:AA968576

40 R-HEMBB1000336//ESTs//6.4e-76:402:95//Hs.17207:H92480

R-HEMBB-1000337//ESTs//2.1e-80:391:97//Hs.118990:AI378084

45 R-HEMBB1000338//Small inducible cytokine A5 (RANTES)//4.0e-39:274:85//Hs.155464:AF088219

R-HEMBB1000339//EST//5.8e-41:336:79//Hs.151873:AA205736

50

R-HEMBB1000341//ESTs//3.8e-19:310:68//Hs.37573:H59651

R-HEMBB1000343//EST//1.1e-77:396:95//Hs.162664:AA605020

55

R-HEMBB1000354//Human mRNA for KIAA0186 gene, complete cds//1.7e-15:293:65//Hs.36232:D80008

EP 1 074 617 A2

R-HEM BB1000369//ESTs//1.6e-21:234:73//Hs.111583:AA463590

5 R-HEM BB1000374//Homo sapiens mRNA, chromosome 1 specific transcript
KIAA0487//2.3e-56:335:77//Hs.92381:AB007956

R-HEM BB1000376//H.sapiens mRNA for urea transporter//2.7e-50:525:74//Hs.66710:X96969

10 R-HEM BB1000391//ESTs//6.6e-50:316:88//Hs.142259:AA828840

R-HEM BB1000399//Homo sapiens mRNA for cell cycle checkpoint protein//3.8e-109:531:
15 97//Hs.16184:AJ001642

R-HEM BB1000402//H.sapiens mRNA for MACH-alpha-2 protein//2.7e-35:369:72//Hs.19949:
20 X98173

R-HEM BB1000404//ESTs//0.088:298:59//Hs.61607:AA032026

R-HEM BB1000420//EST//2.2e-78:376:98//Hs.160787:AI336591

25 R-HEM BB1000434//Human mRNA for KIAA0118 gene, partial cds//3.9e-50:302:
89//Hs.154326:D42087

30 R-HEM BB1000438//ESTs, Weakly similar to !!!! ALU CLASS B WARNING ENTRY !!!!
[H.sapiens]//0.30:214:63//Hs.142209:AA873303

R-HEM BB1000441//Human c-yes-1 mRNA//2.2e-46:280:90//Hs.75680:M15990

35 R-HEM BB1000449//ESTs//7.8e-59:332:92//Hs.87013:AA130221

R-HEM BB1000455//EST//4.8e-14:421:65//Hs.68832:AA088438

40 R-HEM BB1000472//ESTs//1.1e-104:505:98//Hs.132824:AI033396

R-HEM BB1000480//Human mRNA for KIAA0392 gene, partial cds//2.5e-49:295:
45 90//Hs.40100:AB002390

R-HEM BB1000487//EST//0.78:87:68//Hs.134601:AI081506

50 R-HEM BB1000490//Small inducible cytokine A5 (RANTES)//4.0e-39:320:80//Hs.155464:
AF088219

R-HEM BB1000491//Homo sapiens PYRIN (MEFV) mRNA, complete cds//3.7e-50:312:
55 76//Hs.113283:AF018080

R-HEM BB1000493//ESTs//7.1e-18:150:82//Hs.142068:AA176125

EP 1 074 617 A2

- R-HEM BB1000510//EST//1.4e-45:139:97//Hs.152260:AA489703
- 5 R-HEM BB1000518//Human mRNA for KIAA0118 gene, partial cds//4.8e-50:415:78//Hs.154326:D42087
- 10 R-HEM BB1000523//Homo sapiens PYRIN (MEFV) mRNA, complete cds//2.7e-57:497:78//Hs.113283:AF018080
- R-HEM BB1000530//ESTs//2.7e-73:425:90//Hs.141254:AI334099
- 15 R-HEM BB1000550//EST//2.9e-11:113:79//Hs.161503:N68662
- R-HEM BB1000554//Human huntingtin interacting protein (HIP1) mRNA, complete cds//8.2e-13:92:81//Hs.97206:AF052288
- 20 R-HEM BB1000556//ESTs//1.1e-94:529:92//Hs.33476:N36986
- R-HEM BB1000564//ESTs//1.3e-19:128:91//Hs.142058:N34258
- 25 R-HEM BB1000573//ESTs//1.6e-86:494:90//Hs.120979:AI160709
- R-HEM BB1000575//ESTs//1.6e-45:232:74//Hs.141019:AA287618
- 30 R-HEM BB1000586//ESTs//5.1e-42:281:83//Hs.138852:AA284247
- R-HEM BB1000589//ESTs//1.0e-10:184:71//Hs.142677:R95895
- 35 R-HEM BB1000591//ESTs//3.2e-40:406:75//Hs.138787:H73704
- R-HEM BB1000592//ESTs//1.8e-97:455:99//Hs.94229:W65391
- 40 R-HEM BB1000598//Human anti secretory factor-1 mRNA, complete cds//1.8e-46:305:85//Hs.148495:AF050199
- 45 R-HEM BB1000623//ESTs//8.3e-47:277:92//Hs.6045:W67125
- R-HEM BB1000630//ESTs//5.1e-106:538:96//Hs.13422:AI082249
- 50 R-HEM BB1000631//ESTs//5.1e-100:508:96//Hs.110379:N58152
- R-HEM BB1000632//ESTs//6.2e-44:371:80//Hs.132722:AA618531
- 55 R-HEM BB1000637//Human mRNA for KIAA0080 gene, partial cds//6.4e-49:254:86//Hs.74554:D38522

EP 1 074 617 A2

R-HEM BB1000638//EST//2.2e-38:371:76//Hs.162236:AA551582

R-HEM BB1000643//ESTs//0.0049:191:62//Hs.55445:W31963

5 R-HEM BB1000649//ESTs, Moderately similar to hTAFII68 [H.sapiens]//4.0e-76:399:95//Hs.124106:AA948100

10 R-HEM BB1000652//ESTs//1.5e-14:271:64//Hs.163954:N57939

R-HEM BB1000665//ESTs//4.2e-12:109:87//Hs.41407:W94988

15 R-HEM BB1000671//ESTs//2.8e-68:439:87//Hs.140491:W52705

R-HEM BB1000673//EST//0.58:46:82//Hs.142286:AA338293

20 R-HEM BB1000684//ESTs//8.5e-20:307:72//Hs.122825:AA765454

R-nnnnnnnnnnnn//Homo sapiens neuroan1 mRNA, complete cds//6.5e-52:287:93//Hs.158300:AF040723

25 R-HEM BB1000705//Small inducible cytokine A5 (RANTES)//4.6e-24:165:78//Hs.155464:AF088219

30 R-HEM BB1000706//EST//1.2e-10:211:65//Hs.105524:AA521412

R-HEM BB1000709//ESTs, Weakly similar to putative p150 [H.sapiens]//3.9e-50:245:99//Hs.111730:AA604403

35 R-HEM BB1000725//Human mRNA for KIAA0308 gene, partial cds//0.11:350:59//Hs.10351:AB002306

40 R-HEM BB1000726//EST//5.3e-49:303:88//Hs.149580:AI281881

R-HEM BB100073 8//Homo sapiens mRNA, clone:RES4-16//2.5e-49:302:89//Hs.121493:D25272

45 R-HEM BB1000749//ESTs//1.6e-49:331:86//Hs.152788:AA630925

R-HEM BB1000763//ESTs//9.7e-104:474:95//Hs.77480:AA100522

50 R-HEM BB1000770//EST//1.0e-75:359:99//Hs.136564:AA642445

R-HEM BB1000781//ESTs//5.3e-66:317:99//Hs.28827:AI125541

55 R-HEM BB1000789//ESTs//5.9e-83:394:99//Hs.120842:AA435771

EP 1 074 617 A2

- R-HEM BB1000790//PLATELET GLYCOPROTEIN V PRECURSORY//1.3e-37:193:75//Hs.73734:Z23091
- 5 R-HEM BB1000794//ESTs//7.1e-98:490:96//Hs.105743:AA532718
- R-HEM BB1000807//ESTs//2.6e-22:145:92//Hs.53913:AA908961
- 10 R-HEM BB1000810//Small inducible cytokine A5 (RANTES)//1.8e-34:206:79//Hs.155464:AF088219
- R-HEM BB1000821//ESTs//2.4e-90:425:99//Hs.118659:AI052447
- 15 R-HEM BB1000822//ESTs//1.7e-45:288:89//Hs.24130:R27124
- R-HEM BB1000826//Small inducible cytokine A5 (RANTES)//2.9e-51:245:82//Hs.155464:AF088219
- 20 R-HEM BB1000827//EST//2.8e-40:295:84//Hs.149580:AI281881
- R-HEM BB1000831//ESTs//4.0e-59:291:98//Hs.62675:AA044176
- 25 R-HEM BB1000835//ESTs//7.3e-21:124:82//Hs.102671:N52545
- R-HEM BB1000840//ATPase, Na⁺/K⁺ transporting, beta 2 polypeptide//1.3e-43:163:84//Hs.78854:AF007876
- 30 R-HEM BB1000848//Homo sapiens mRNA for KIAA0565 protein, complete cds//9.5e-41:367:78//Hs.129740:AB011137
- 35 R-HEM BB1000852//EST//1.2e-09:188:70//Hs.127869:AA968599
- R-HEM BB1000870//Cytochrome P450, 51 (lanosterol 14-alpha-demethylase)//1.0e-41:483:73//Hs.2379:U23942
- 40 R-HEM BB1000876//EST//0.0022:211:63//Hs.125552:AA884141
- 45 R-HEM BB1000883//ESTs//1.4e-65:343:95//Hs.98269:H27247
- R-HEM BB1000887//ESTs//4.0e-22:212:79//Hs.138965:AI004740
- 50 R-HEM BB1000888//EST//8.2e-07:196:64//Hs.118276:W15258
- R-HEM BB1000890//ISLET AMYLOID POLYPEPTIDE PRECURSORY//1.1e-46:327:83//Hs.51048:X68830
- 55

EP 1 074 617 A2

R-HEMBB1000893//EST//4.7e-34:242:85//Hs.149580:AI281881

R-HEMBB1000908//EST//0.95:27:100//Hs.142568:AA285066

5 R-HEMBB1000910//ESTs//1.9e-36:318:78//Hs.141140:AA715983

10 R-HEMBB1000913//Human mRNA for KIAA0327 protein, complete cds//2.5e-33:367:73//Hs.149323:AB002325

R-HEMBB1000915//ESTs//0.00018:188:61//Hs.44847:AI222742

15 R-HEMBB1000917//Homo sapiens KIAA0414 mRNA, partial cds//3.7e-41:228:84//Hs.127649:AB007874

R-HEMBB1000927//ESTs//2.2e-62:307:98//Hs.97044:AA365784

20 R-HEMBB1000947//ESTs, Weakly similar to F26E4.13 [C.elegans]//3.3e-60:350:91//Hs.49163:AA532881

25 R-HEMBB1000959//Human Line-1 repeat mRNA with 2 open reading frames//8.1e-84:546:86//Hs.23094:MI9503

R-HEMBB1000973//ESTs//6.8e-95:445:99//Hs.105859:AI419354

30 R-HEMBB1000975//ESTs//1.2e-39:197:100//Hs.26176:AI032007

R-HEMBB1000981//EST//7.7e-58:284:98//Hs.60179:AA007242

35 R-HEMBB1000985//ESTs//1.2e-103:524:95//Hs.43102:AA131369

R-HEMBB1000991//EST//0.99:58:72//Hs.100246:T23625

40 R-HEMBB1000996//Homo sapiens LIM protein mRNA, complete cds//1.3e-41:482:70//Hs.154103:AF061258

45 R-HEMBB1001004//ESTs//5.7e-70:362:95//Hs.6434:W27112

R-HEMBB1001008//ESTs, Weakly similar to hypothetical L1 protein [H.sapiens]//2.3e-25:339:71//Hs.129992:H58762

50 R-HEMBB1001011//ESTs//4.0e-53:325:92//Hs.33268:AI191214

R-HEMBB1001014//ESTs//1.3e-46:323:83//Hs.163980:AA715814

55 R-HEMBB1001020//Homo sapiens PYRIN (MEFV) mRNA, complete cds//3.0e-46:305:76//Hs.113283:AF018080

EP 1 074 617 A2

R-HEMBB1001024//ESTs//8.5e-47:374:80//Hs.141602:N63562

5 R-HEMBB1001037//ESTs//2.6e-47:282:91//Hs.155384:Z78385

R-HEMBB1001047//EST//6.2e-33:232:74//Hs.160146:AI049975

10 R-HEMBB1001051//ESTs//3.7e-79:385:98//Hs.95290:AA046107

R-HEMBB1001056//Homo sapiens mRNA for KIAA0618 protein, complete cds//1.1e-87:497:91//Hs.15832:AB014518

15 R-HEMBB1001058//Homo sapiens mRNA for KIAA0475 protein, complete cds//2.2e-26:125:81//Hs.5737:AB007944

20 R-HEMBB1001060//ESTs//1.9e-37:541:69//Hs.141534:N64785

R-HEMBB1001063//ESTs//4.7e-42:269:88//Hs.55855:AA621381

25 R-HEMBB1001068//Homo sapiens liprin-beta2 mRNA, partial cds//9.1e-107:512:97//Hs.12953:AF034803

R-HEMBB1001096//Human HsLIM15 mRNA for HsLiml5, complete cds//1.2e-20:233:70//Hs.37181:D64108

30 R-HEMBB1001102//Human mRNA for KIAA0355 gene, complete cds//9.1e-40:299:82//Hs.153014:AB002353

35 R-HEMBB1001105//Homo sapiens PYRIN (MEFV) mRNA, complete cds//4.8e-46:296:87//Hs.113283:AF018080

40 R-HEMBB1001114//ESTs//6.2e-44:293:86//Hs.70279:AA757426

R-HEMBB1001117//ESTs//1.1e-80:471:90//Hs.61935:T75092

45 R-HEMBB1001119//ESTs//4.0e-38:213:84//Hs.109140:AI289942

R-HEMBB1001126

50 R-HEMBB1001133//Human SS-A/Ro ribonucleoprotein autoantigen 60 kd subunit mRNA, complete cds//1.6e-24:285:73//Hs.554:M25077

R-HEMBB1001137//ESTs//4.6e-10:66:100//Hs.74924:AI332962

55 R-HEMBB1001142//EST//6.4e-48:315:85//Hs.149580:AI281881

EP 1 074 617 A2

R-HEMBB1001151

5 R-HEMBB1001153//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!!
[H.sapiens]/1.3e-65:331:96//Hs.154179:AA579197

R-HEMBB1001169//Oxytocin receptor//1.5e-25:165:73//Hs.2820:X64878

10 R-nnnnnnnnnnnn//ESTs//3.5e-41:233:93//Hs.129218:AA991162

R-HEMBB1001177

15 R-HEMBB1001182//ESTs//1.9e-86:455:95//Hs.6937:AA524349

R-HEMBB1001199

20 R-HEMBB1001208//ESTs//3.3e-43:216:99//Hs.121806:N71183

R-HEMBB1001209//ESTs//6.7e-80:409:96//Hs.141185:R99549

25 R-HEMBB1001210//ESTs//2.2e-46:290:88//Hs.103329:D11573

30 R-HEMBB1001218//Kangai 1 (suppression of tumorigenicity 6, prostate; CD82 antigen (R2 leukocyte antigen, antigen detected by monoclonal and antibody IA4))//3.1e-44:298:87//Hs.103458:X53795

R-HEMBB1001221//ESTs//9.4e-75:353:100//Hs.151504:AA550817

35 R-HEMBB1001234//ESTs, Highly similar to 65 KD YES-ASSOCIATED PROTEIN [Gallus gallus]/3.8e-80:400:96//Hs.71873:AA148213

40 R-HEMBB1001242//ESTs//1.6e-63:404:87//Hs.25534:AA149560

R-HEMBB1001249//ESTs//3.8e-34:360:70//Hs.150727:AI292236

45 R-HEMBB1001253//EST//0.0011:84:77//Hs.124579:AA853987

R-HEMBB1001254//ESTs//4.5e-95:444:99//Hs.161059:AI431268

50 R-HEMBB1001267//Homo sapiens mRNA, chromosome 1 specific transcript
KIAA0501//1.3e-50:524:73//Hs.159897:AB007970

55 R-HEMBB1001271//Human mRNA for KIAA0118 gene, partial cds//4.0e-45:323:84//Hs.154326:D42087

R-HEMBB1001282//EST//2.9e-78:401:96//Hs.72871:AA169412

EP 1 074 617 A2

R-HEM BB1001288//ESTs, Highly similar to HYPOTHETICAL 27.3 KD PROTEIN ZK353.7 IN CHROMOSOME III [Caenorhabditis elegans]/2.6e-104:515:97//Hs.16606:W81021

5 R-HEM BB1001289//ESTs//7.8e-45:440:75//Hs.44702:AI148840

R-HEM BB1001294//ESTs//1.9e-100:476:99//Hs.109017:AI057112

10 R-HEM BB1001302

R-HEM BB1001304//ESTs//4.0e-92:431:99//Hs.113750:AI091154

15 R-HEM BB1001314//Interleukin 10//6.3e-41:334:79//Hs.2180:M57627

R-HEM BB1001315//Interleukin 10//1.9e-43:285:87//Hs.2180:M57627

20 R-HEM BB1001317//Human cytochrome P450-IIB (hIIB3) mRNA, complete cds//8.4e-45:357:81//Hs.110194:M29873

R-HEM BB1001326//ESTs//0.85:174:62//Hs.133487:AI393754

25

R-HEM BB1001331//ESTs, Weakly similar to DFS70 [H.sapiens]/6.5e-61:313:96//Hs.43071:AA206222

30 R-HEM BB1001335//EST//5.2e-80:381:99//Hs.116769:AA630365

R-HEM BB1001337//ESTs//2.7e-84:404:99//Hs.148966:AI242639

35 R-HEM BB1001339//ESTs//2.1e-97:485:96//Hs.88357:AA262470

R-HEM BB1001346

40 R-HEM BB1001348//ESTs//1.1e-43:295:85//Hs.163604:R94354

R-HEM BB1001356//EST//6.0e-11:89:88//Hs.152366:AA486721

45 R-HEM BB1001364//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]/3.0e-12:129:79//Hs.9792:AA027055

50 R-HEM BB1001366//Human mRNA for KIAA0118 gene, partial cds//1.2e-50:550:72//Hs.154326:D42087

R-HEM BB1001367//ESTs//1.2e-19:165:82//Hs.146314:R99617

55 R-HEM BB1001369//Small inducible cytokine A5 (RANTES)//1.9e-25:217:80//Hs.155464:AF088219

EP 1 074 617 A2

R-HEM BB1001380//ESTs//4.0e-08:216:63//Hs.143763:AI174205

R-HEM BB1001384//ESTs//6.6e-110:547:96//Hs.6671:AI341699

5 R-HEM BB1001387//ESTs//1.1e-104:497:98//Hs.87654:AA853970

R-HEM BB1001394//ESTs//6.4e-73:428:89//Hs.139922:AA281350

10 R-HEM BB1001410//Alcohol dehydrogenase 7 sigma subunit (class IV)//0.88:365:58//Hs.389:
X76342

15 R-HEM BB1001424//ESTs//1.3e-88:466:94//Hs.42174:AA194644

R-HEM BB1001426//ESTs//2.2e-45:337:82//Hs.37573:H59651

20 R-HEM BB1001429//EST//3.8e-59:543:76//Hs.158803:AI376846

R-HEM BB1001436//ESTs//3.7e-69:332:99//Hs.156518:AA724317

25 R-HEM BB1001443//ESTs//4.8e-54:270:98//Hs.21898:AI088201

R-HEM BB1001449//ESTs//3.2e-43:170:84//Hs.150727:AI292236

30 R-HEM BB1001454//ESTs//9.1e-46:304:86//Hs.139190:N55515

R-HEM BB1001458//ESTs//3.2e-98:478:97//Hs.50144:N67293

35 R-HEM BB1001463//Homo sapiens KIAA0421 mRNA, partial cds//4.3e-50:440:78//Hs.41742:
AB007881

40 R-HEM BB1001464//ESTs, Weakly similar to K01H12.1 [C.elegans]//0.25:222:61//Hs.13275:
AI341468

R-HEM BB1001482//ESTs, Moderately similar to zinc finger protein [R.norvegicus]//0.80:53:
83//Hs.26799:W74481

45 R-HEM BB1001500//EST//1.4e-13:310:67//Hs.162663:AA604515

R-HEM BB1001521//Homo sapiens mRNA for KIAA0737 protein, complete cds//2.5e-29:186:
92//Hs.17630:AB018280

50 R-HEM BB1001527//ESTs, Weakly similar to HYPOTHETICAL 92.1 KD PROTEIN ZK1098.3 IN
CHROMOSOME III [Caenorhabditis elegans]//4.7e-51:404:81//Hs.141429:AA631915

55 R-HEM BB1001531//ESTs//3.3e-13:250:67//Hs.139158:AA226159

EP 1 074 617 A2

R-HEM BB1001535//H.sapiens mRNA for sigma 3B protein//1.9e-39:291:82//Hs.154782:
X99459

5 R-HEM BB1001536//Human mRNA for KIAA0355 gene, complete cds//5.0e-44:318:
83//Hs.153014:AB002353

10 R-HEM BB1001537//Homo sapiens KIAA0409 mRNA, partial cds//3.2e-47:318:80//Hs.5158:
AB007869

R-HEM BB1001555//ESTs//2.6e-13:182:71//Hs.112671:AI377274

15 R-HEM BB1001562//ESTs//1.7e-43:316:83//Hs.151365:AA643962

R-HEM BB1001564//EST//1.3e-35:141:81//Hs.162197:AA53521

20 R-HEM BB1001565//Human mRNA for KIAA0331 gene, complete cds//5.1e-18:152:
85//Hs.146395:AB002329

25 R-HEM BB1001585//ESTs//1.1e-32:190:84//Hs.33354:AA179944

R-HEM BB1001586//ESTs//4.9e-94:447:99//Hs.124084:AA843219

30 R-HEM BB1001588//EST//8.3e-27:363:69//Hs.141603:N66015

R-HEM BB1001603//ESTs//1.2e-101:482:99//Hs.12403:AI090184

35 R-HEM BB1001618//ESTs//5.8e-35:437:70//Hs.136868:AA805044

R-HEM BB1001619//EST//1.7e-38:476:70//Hs.139093:AA166888

40 R-HEM BB1001630//Homo sapiens mRNA, clone:RES4-16//5.7e-41:193:90//Hs.121493:
D25272

R-HEM BB1001635//ESTs//9.5e-34:304:82//Hs.140444:AI002082

45 R-HEM BB1001637//ESTs//1.0e-42:443:74//Hs.21978:AA009633

R-HEM BB1001641//EST//2.4e-06:67:86//Hs.162398:AA572813

50 R-HEM BB1001653//ESTs//4.8e-80:381:99//Hs.140502:AA806438

R-HEM BB1001665//ESTs//2.3e-44:372:79//Hs.132818:AI038577

55 R-HEM BB1001668//ESTs//0.73:212:62//Hs.8928:N32572

R-HEM BB1001673//Homo sapiens mRNA for KIAA0646 protein, complete cds//5.9e-117:573:

EP 1 074 617 A2

97//Hs.24439:AB014546

5 R-HEM BB1001684//ESTs, Moderately similar to Tbcl [M.musculus]//5.4e-106:523:
97//Hs.26939:AA804534

10 R-HEM BB1001685//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!!
[H.sapiens]//1.9e-43:292:86//Hs.96337:AA225358

R-HEM BB1001695//ESTs//3.7e-101:539:94//Hs.78289:R60867

15 R-HEM BB1001704//EST//0.96:248:57//Hs.163025:AA703038

R-HEM BB1001706//ESTs//1.3e-39:308:81//Hs.141318:N71080

20 R-HEM BB1001707//ESTs, Moderately similar to hypothetical protein 2 [H.sapiens]//4.9e-32:
277:73//Hs.142764:AA205569

R-HEM BB1001717//ESTs//1.6e-34:225:87//Hs.57883:AA218645

25 R-HEM BB1001735//ESTs, Highly similar to LINE-1 REVERSE TRANSCRIPTASE HOMOLOG
[Homo sapiens]//8.6e-11:158:71//Hs.141263:H64113

R-HEM BB1001736//ESTs//0.0035:223:60//Hs.21354:AA203403

30 R-HEM BB1001747//EST//9.9e-55:293:81//Hs.112866:AA620488

R-HEM BB1001749//ESTs//2.5e-13:95:91//Hs.139888:N25287

35 R-HEM BB1001753//ESTs//2.6e-07:141:70//Hs.144604:AI052059

R-HEM BB1001756//EST//2.6e-06:165:64//Hs.121195:AA757211

40 R-HEM BB1001760//LOW-DENSITY LIPOPROTEIN RECEPTOR PRECURSOR//1.3e-24:264:
74//Hs.70008:L00352

45 R-HEM BB1001762//ESTs//2.1e-81:447:93//Hs.152766:AA211369

R-HEM BB1001785//ESTs//0.040:390:58//Hs.116651:AA993406

50 R-HEM BB1001797//ESTs//2.1e-90:428:99//Hs.8958:AA169253

R-HEM BB1001802//Desmin//9.9e-95:497:93//Hs.119104:M63391

55 R-HEM BB1001812//ESTs//1.2e-12:91:78//Hs.138852:AA284247

R-HEM BB1001816//Human Line-1 repeat mRNA with 2 open reading frames//5.9e-13:143:

EP 1 074 617 A2

76//Hs.23094:M19503

5 R-HEM BB1001831//Homo sapiens PAM COOH-terminal interactor protein 1 (PCIP1) mRNA,
complete cds//5.5e-106:498:98//Hs.159396:AF056209

10 R-HEM BB1001836//Homo sapiens mRNA, chromosome 1 specific transcript
KIAA0488//9.6e-39:288:73//Hs.67619:AB007957

R-HEM BB1001839

15 R-HEM BB1001850//EST//0.020:119:68//Hs.32767:H38125

R-HEM BB1001863//ESTs//4.5e-17:226:72//Hs.157253:AI357539

20 R-HEM BB1001867//ESTs//2.3e-16:254:68//Hs.123664:AA806106

R-HEM BB1001868//EST//9.8e-30:155:100//Hs.160572:AA888397

25 R-HEM BB1001869//ESTs//2.8e-42:376:78//Hs.141973:N21434

R-HEM BB1001872//EST//0.85:156:64//Hs.119501:AA487980

30 R-HEM BB1001874//EST//0.64:107:70//Hs.147482:AI215572

R-HEM BB1001875//EST//0.079:199:59//Hs.121810:AA775240

35 R-HEM BB1001880//Thromboxane A2 receptor//9.0e-47:297:88//Hs.89887:D38081

R-HEM BB1001899//ESTs//6.3e-68:323:100//Hs.121538:AA609310

40 R-HEM BB1001905//ESTs//4.4e-19:227:73//Hs.146173:AA906191

R-HEM BB1001906//ESTs//1.6e-90:463:95//Hs.28266:H46725

45 R-HEM BB1001908//Homo sapiens EVI5 homolog mRNA, complete cds//3.7e-27:557:
64//Hs.26929:AF008915

R-HEM BB1001910//EST//6.0e-37:308:78//Hs.162197:AA535216

50 R-HEM BB1001911//Homo sapiens tapasin (NGS-17) mRNA, complete cds//8.0e-58:367:
79//Hs.5247:AF029750

55 R-HEM BB1001915//ESTs//3.1e-73:395:93//Hs.17054:AI139897

R-HEM BB1001921//Human mRNA for KIAA0392 gene, partial cds//2.7e-50:323:
88//Hs.40100:AB002390

EP 1 074 617 A2

- R-HEM BB1001922//H.sapiens mRNA for novel member of serine-arginine domain protein,
SRrp129//7.4e-38:531:70//Hs.153086:Y11251
- 5 R-HEM BB1001925//Human mRNA for KIAA0327 protein, complete cds//9.5e-19:199:
77//Hs.149323:AB002325
- 10 R-HEM BB1001930//EST//1.9e-18:136:78//Hs.132635:AI032875
- R-HEM BB1001944//EST//0.034:228:57//Hs.93664:N23366
- 15 R-HEM BB1001945//ESTs//1.8e-83:439:95//Hs.7341:N57875
- R-HEM BB1001947//ESTs//5.6e-109:533:97//Hs.48855:AA134589
- 20 R-HEM BB1001950//ESTs//1.5e-107:583:93//Hs.8033:N94998
- R-HEM BB1001952//ESTs//3.1e-40:283:85//Hs.146811:AA410788
- 25 R-HEM BB1001953//Human mRNA for KIAA0080 gene, partial cds//6.2e-50:284:
83//Hs.74554:D38522
- R-HEM BB1001957//EST//4.8e-50:382:81//Hs.149580:AI281881
- 30 R-HEM BB1001962//ESTs//1.5e-20:143:88//Hs.11924:W26972
- R-HEM BB1001967//Homo sapiens mRNA for KIAA0575 protein, complete cds//2.3e-61:296:
35 88//Hs.153468:AB011147
- R-HEM BB1001973//ESTs//1.4e-48:303:88//Hs.132722:AA618531
- 40 R-HEM BB1001983//ESTs//2.6e-72:374:95//Hs.141022:H06475
- R-HEM BB1001988//ESTs//2.0e-31:204:88//Hs.142531:N91572
- 45 R-HEM BB1001990//ESTs//9.4e-115:574:96//Hs.44426:AA173223
- R-HEM BB1001996
- 50 R-HEM BB1001997//ESTs//7.6e-78:380:98//Hs.32682:H37798
- R-HEM BB1002002//Human kpni repeat mrna (cdna clone pcd-kpni-8), 3' end//3.0e-18:222:
55 71//Hs.103948:K00627
- R-HEM BB1002005//EST//2.2e-41:339:80//Hs.160833:AI345334

EP 1 074 617 A2

R-HEM BB1002009//EST//2.9e-44:245:94//Hs.28788:R66896

R-HEM BB1002015//EST//0.0027:198:63//Hs.160868:AI359052

5 R-HEM BB1002042//ESTs//1.1e-75:529:84//Hs.106919:AA523900

R-HEM BB1002043//ESTs//7.9e-40:292:83//Hs.70279:AA757426

10 R-HEM BB1002044//ESTs//2.1e-92:460:94//Hs.115897:AA156638

R-HEM BB1002045//Homo sapiens PYRIN (MEFV) mRNA, complete cds//5.6e-75:301:85//Hs.113283:AF018080

15 R-HEM BB1002049//ESTs//3.8e-77:409:94//Hs.122624:R82638

R-HEM BB1002050//ESTs//8.7e-45:330:82//Hs.44702:AI148840

20 R-HEM BB1002068//ESTs//8.3e-70:333:99//Hs.134807:AI090671

R-HEM BB1002069//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete cds//1.5e-75:486:81//Hs.129735:AF010144

25 R-HEM BB1002092//ESTs//6.5e-46:331:83//Hs.22910:W18193

30 R-HEM BB1002094//EST//3.6e-45:280:88//Hs.149580:AI281881

R-HEM BB1002115

35 R-HEM BB1002139//ESTs//4.2e-45:318:85//Hs.107657:AA126814

R-HEM BB1002142//Homo sapiens haemopoietic progenitor homeobox HPX42B (HPX42B) mRNA, complete cds//1.4e-45:281:88//Hs.125231:AF068006

40 R-HEM BB1002152//EST//4.3e-39:250:89//Hs.156552:AA833553

R-HEM BB1002189//H.sapiens mRNA for translin associated protein X//1.4e-47:328:85//Hs.96247:X95073

45 R-HEM BB1002190//ESTs//8.3e-05:122:70//Hs.41974:AF039185

50 R-HEM BB1002193//Human sky mRNA for Sky, complete cds//8.9e-24:398:69//Hs.301:U18934

55 R-HEM BB1002217//EST//6.6e-50:303:89//Hs.149580:AI281881

R-HEM BB1002218//ESTs//2.3e-19:150:86//Hs.136031:W95841

EP 1 074 617 A2

- R-HEM BB1002232//ESTs//8.9e-47:445:77//Hs.163971:N27584
- 5 R-HEM BB1002247//EST//6.6e-09:236:65//Hs.130578:AI004631
- R-HEM BB1002249//ESTs//5.2e-16:325:64//Hs.156253:AI334807
- 10 R-HEM BB1002254//Human Line-1 repeat mRNA with 2 open reading frames//3.8e-99:590:88//Hs.23094:M19503
- R-HEM BB1002255//Human mRNA for KIAA0365 gene, partial cds//5.6e-45:342:83//Hs.84123:AB002363
- 15 R-HEM BB1002266//ESTs//4.4e-98:472:98//Hs.65366:AI189112
- 20 R-HEM BB1002280//EST//2.9e-41:247:90//Hs.161917:AA483223
- R-HEM BB1002300//ESTs//8.4e-19:229:75//Hs.138463:N72305
- 25 R-HEM BB1002306//Homo sapiens KIAA0432 mRNA, complete cds//0.0021:138:67//Hs.155174:AB007892
- R-HEM BB1002327//EST//0.042:249:61//Hs.121097:AA714637
- 30 R-HEM BB1002329//ESTs//1.7e-94:453:99//Hs.7114:R24312
- R-HEM BB1002340//ESTs//5.8e-15:163:77//Hs.26378:H10228
- 35 R-HEM BB1002342//Homo sapiens mRNA for putative thioredoxin-like protein//0.85:46:84//Hs.42644:AJ010841
- 40 R-HEM BB1002358//ESTs//2.0e-52:319:81//Hs.140255:AA708322
- R-HEM BB1002359//ESTs//2.7e-106:517:97//Hs.13634:AI051613
- 45 R-HEM BB1002364//Human mRNA for KIAA0080 gene, partial cds//5.3e-37:360:65//Hs.74554:D38522
- R-HEM BB1002371//Catalase//3.3e-22:235:77//Hs.76359:X04085
- 50 R-HEM BB1002381//Homo sapiens (JH8) mRNA, partial cds//1.0e-08:120:78//Hs.142296:AF072467
- 55 R-HEM BB1002383//ESTs//3.5e-108:520:98//Hs.45140:D80055
- R-HEM BB1002387

EP 1 074 617 A2

- 5 R-HEMBB1002415//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!!
[H.sapiens]//2.3e-23:168:77//Hs.133526:N21103
- R-HEMBB1002425//Human mRNA for tryptophan hydroxylase (EC 1.14.16.4)//3.2e-57:304:
90//Hs.144563:AF057280
- 10 R-HEMBB1002442//ESTs//2.7e-48:289:87//Hs.155243:N70293
- R-HEMBB1002453//Human mRNA for KIAA0355 gene, complete cds//6.2e-45:292:
87//Hs.153014:AB002353
- 15 R-HEMBB1002457//Human mRNA for KIAA0118 gene, partial cds//2.7e-46:546:
71//Hs.154326:D42087
- 20 R-HEMBB1002458//EST//1.8e-72:343:100//Hs.162006:AA508089
- R-HEMBB1002477//ESTs//1.6e-38:215:93//Hs.18240:AA460083
- 25 R-HEMBB1002489//ESTs//1.2e-101:534:94//Hs.7981:H15176
- R-HEMBB1002492//ESTs//5.0e-14:350:62//Hs.99205:AA204969
- 30 R-HEMBB1002495//ESTs//2.1e-19:147:86//Hs.163747:AA174017
- R-HEMBB1002502//ESTs, Weakly similar to p40 [H.sapiens]//1.2e-68:336:98//Hs.141515:
T41142
- 35 R-HEMBB1002509//ESTs//2.7e-97:459:99//Hs.127638:AI014615
- R-HEMBB1002510//ESTs, Weakly similar to located at OATL1 [H.sapiens]//2.2e-48:265:
40 95//Hs.48827:AA873278
- R-HEMBB1002520//EST//7.2e-40:198:84//Hs.140493:AA804538
- 45 R-HEMBB1002522//Human putative transmembrane receptor IL-1Rrp mRNA, complete
cds//0.50:142:69//Hs.159301:U43672
- 50 R-HEMBB1002531//EST//0.024:147:61//Hs.148305:AA909605
- R-HEMBB1002534//EST//3.1e-22:168:84//Hs.146794:AI149478
- 55 R-HEMBB1002545//ESTs//9.2e-90:421:99//Hs.118317:AI033259
- R-HEMBB1002550//ESTs, Weakly similar to similar to S. cerevisiae LAG1 [C.elegans]//5.1e-
22:210:81//Hs.11896:T68813

EP 1 074 617 A2

R-HEMBB1002556//ISLET AMYLOID POLYPEPTIDE PRECURSORY//1.9e-45:344:
 82//Hs.51048:X68830
 5
 R-HEMBB1002579//ESTs//4.6e-47:326:85//Hs.155184:AA573189
 R-HEMBB1002582//ESTs//0.00036:91:76//Hs.140039:AA047045
 10
 R-HEMBB1002590//ESTs//1.0e-37:210:84//Hs.36658:N91138
 R-HEMBB1002596//Human mRNA for KIAA0118 gene, partial cds//2.2e-46:297:
 15 87//Hs.154326:D42087
 R-HEMBB1002600//EST//2.5e-17:147:84//Hs.121918:AA777424
 20
 R-HEMBB1002601//ESTs//7.8e-68:358:95//Hs.101489:R66923
 R-HEMBB1002603//EST//1.1e-47:281:90//Hs.149580:AI281881
 25
 R-HEMBB1002607//ESTs//5.4e-75:379:97//Hs.29438:H42896
 R-HEMBB1002610//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!!
 [H.sapiens]//6.2e-07:140:70//Hs.155456:AA707265
 30
 R-HEMBB1002613//Homo sapiens mRNA, chromosome 1 specific transcript
 KIAA0508//8.5e-47:278:83//Hs.159187:AB007977
 35
 R-HEMBB1002614//ESTs//3.4e-81:383:99//Hs.13012:AI094150
 R-HEMBB1002617//Homo sapiens protease-activated receptor 4 mRNA, complete cds//7.4e-
 19:151:80//Hs.137574:AF055917
 40
 R-HEMBB1002623//ESTs//1.6e-45:288:87//Hs.138852:AA284247
 R-HEMBB1002635//Small inducible cytokine A5 (RANTES)//5.5e-39:278:81//Hs.155464:
 45 AF088219
 R-HEMBB1002664//EST//8.9e-49:315:87//Hs.149580:AI281881
 50
 R-HEMBB1002677//ESTs//0.65:159:62//Hs.163517:AI419775
 R-HEMBB1002683//H.sapiens mRNA for delta 4-3-oxosteroid 5 beta-reductase//8.6e-54:543:
 75//Hs.2638:Z28339
 55
 R-HEMBB1002684//ESTs//3.0e-18:148:87//Hs.158270:AA776646

EP 1 074 617 A2

R-HEM BB1002686//ESTs//6.1e-80:419:96//Hs.103002:W02753

R-HEM BB1002692//ESTs//3.3e-58:451:82//Hs.141254:AI334099

5 R-HEM BB1002697//ESTs//6.2e-86:423:98//Hs.129812:AA769487

R-HEM BB1002699//EST//5.6e-46:322:84//Hs.140231:AI054398

10 R-HEM BB1002702//ESTs//5.6e-36:412:72//Hs.154993:AA142842

R-HEM BB1002705//POLYPOSIS LOCUS PROTEIN 1//0.024:412:58//Hs.74648:M73547

15 R-HEM BB1002712//ESTs//9.0e-96:451:99//Hs.136806:AA805682

R-MAMMA1000009//ESTs//3.0e-78:392:96//Hs.163947:AA678701

20 R-MAMMA1000019//Small inducible cytokine A5 (RANTES)//1.5e-47:247:87//Hs.155464:AF088219

25 R-MAMMA1000020//Zinc finger protein 2 (A1-5)//4.9e-49:384:80//Hs.155533:X60152

R-MAMMA1000025//Homo sapiens KIAA0441 mRNA, complete cds//4.7e-11:154:71//Hs.32511:AB007901

30 R-MAMMA1000043//Homo sapiens mRNA for KIAA0761 protein, partial cds//2.0e-58:277:84//Hs.93121:AB018304

35 R-MAMMA1000045//ESTs//1.0e-38:225:92//Hs.142567:AA287165

R-MAMMA1000055//EST//0.14:91:67//Hs.144061:AA996350

40 R-MAMMA1000057//Fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransferase, Bombay phenotype included)//3.8e-77:545:83//Hs.69747:M35531

R-MAMMA1000069//ESTs//8.0e-108:546:96//Hs.44856:N37065

45 R-MAMMA1000084//Homo sapiens clone 23632 mRNA sequence//7.3e-43:313:83//Hs.46918:AF052099

50 R-MAMMA1000085//ESTs, Highly similar to PUTATIVE CYSTEINYL-TRNA SYNTHETASE C29E6.06C [Schizosaccharomyces pombe]//7.7e-104:546:94//Hs.7779:AA045241

55 R-MAMMA1000092//EST, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//4.2e-22:287:71//Hs.136063:U51713

R-MAMMA1000103//LOW-DENSITY LIPOPROTEIN RECEPTOR PRECURSOR//8.4e-49:334:

EP 1 074 617 A2

86//Hs.70008:L00352

5 R-MAMMA1000117//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!!
[H.sapiens]/3.1e-08:96:80//Hs.115088:AA230172

R-MAMMA1000129//EST//2.8e-64:310:99//Hs.136394:AA523577

10 R-MAMMA1000133

R-MAMMA1000134//ESTs//1.1e-21:152:87//Hs.163747:AA174017

15 R-MAMMA1000139//Homo sapiens mRNA, chromosome 1 specific transcript
KIAA0501//6.3e-40:288:78//Hs.159897:AB007970

R-MAMMA1000143//EST//5.0e-52:314:89//Hs.149580:AI281881

20 R-MAMMA1000155//Homo sapiens apoptotic protease activating factor 1 (Apaf-1) mRNA,
complete cds//1.5e-59:562:75//Hs.77579:AF013263

25 R-MAMMA1000163//ESTs//2.8e-92:457:96//Hs.114413:AA884787

R-MAMMA1000171//Homo sapiens mRNA for putative lipoic acid synthetase, partial//2.5e-39:
173:83//Hs.53531:AJ224162

30 R-MAMMA1000173//ESTs, Highly similar to SRC SUBSTRATE P80/85 PROTEINS [Gallus
gallus]/2.4e-07:63:90//Hs.90367:AI357069

35 R-MAMMA1000175//EST//0.66:217:58//Hs.146444:AI127611

R-MAMMA1000183//ESTs//6.7e-30:341:73//Hs.125254:AA872054

40 R-MAMMA1000198//EST//2.8e-45:185:88//Hs.149580:AI281881

R-MAMMA1000221//ESTs, Weakly similar to circadian clock protein [M.musculus]/1.4e-41:
272:90//Hs.68398:AA421103

45 R-MAMMA1000227//EST//2.4e-39:388:76//Hs.144175:H70425

R-MAMMA1000241//EST//0.0027:263:61//Hs.37532:H57946

50 R-MAMMA1000251//Homo sapiens mRNA for KIAA0772 protein, complete cds//5.3e-47:322:
86//Hs.15519:AB018315

55 R-MAMMA1000254//Homo sapiens tumor necrosis factor superfamily member LIGHT mRNA,
complete cds//2.2e-43:315:83//Hs.129708:AF064090

EP 1 074 617 A2

R-MAMMA1000257//EST//1.6e-62:330:93//Hs.141728:W73041

R-MAMMA1000264//Von Hippel-Lindau syndrome//2.3e-31:141:81//Hs.78160:AF010238

5 R-MAMMA1000266//ESTs//3.4e-34:150:81//Hs.163980:AA715814

R-MAMMA1000270//Homo sapiens mRNA, chromosome 1 specific transcript
10 KIAA0508//2.7e-57:304:78//Hs.159187:AB007977

R-MAMMA1000277//Thiopurine S-methyltransferase//3.7e-27:380:71//Hs.51124:AF019369

15 R-MAMMA1000278//ESTs//5.2e-99:504:95//Hs.8494:W72694

R-MAMMA1000279//Homo sapiens mRNA, chromosome 1 specific transcript
KIAA0487//3.1e-58:295:83//Hs.92381:AB007956

20 R-MAMMA1000284//EST//4.1e-10:151:73//Hs.60742:AA017066

R-MAMMA1000287

25 R-MAMMA1000302//Homo sapiens KIAA0432 mRNA, complete cds//1.0:50:84//Hs.155174:AB007892

R-MAMMA1000307//Human mRNA for KIAA0033 gene, partial cds//1.8e-48:468:76//Hs.22271:D26067

30 R-MAMMA1000309//ESTs//1.7e-94:491:94//Hs.135106:AI335251

35 R-MAMMA1000312//ESTs//8.9e-74:377:96//Hs.133163:AI051434

R-MAMMA1000313//EST//8.3e-19:294:62//Hs.127400:AA954491

40 R-MAMMA1000331//ESTs, Moderately similar to envelope protein [H.sapiens]//8.6e-54:278:97//Hs.139170:AA662998

R-MAMMA1000339//EST//6.8e-44:169:89//Hs.149580:AI281881

45 R-MAMMA1000340//Homo sapiens mRNA for KIAA0625 protein, partial cds//0.82:204:61//Hs.154919:AB014525

50 R-MAMMA1000348//ESTs//3.3e-34:320:75//Hs.139158:AA226159

R-MAMMA1000356//ESTs, Highly similar to URIDYLATE KINASE [Saccharomyces cerevisiae]//0.42:172:61//Hs.11463:AA535912

55 R-MAMMA1000360//Human mRNA for KIAA0118 gene, partial cds//3.8e-43:212:

EP 1 074 617 A2

82//Hs.154326:D42087

- 5 R-MAMMA1000361//ESTs//3.1e-17:188:68//Hs.164036:AA845659
- R-MAMMA1000372//ESTs//1.0e-46:307:85//Hs.145032:AA343523
- 10 R-MAMMA1000385//ESTs//8.2e-97:467:98//Hs.152282:AA412065
- R-MAMMA1000388//Homo sapiens UKLF mRNA for ubiquitous Kruppel like factor, complete
cds//8.6e-14:106:92//Hs.32170:AB015132
- 15 R-MAMMA1000395//ESTs//1.9e-57:292:96//Hs.11365:AB01060
- R-MAMMA1000402//ESTs, Moderately similar to RETROVIRUS-RELATED POL
POLYPROTEIN [Mus musculus]//9.1e-47:316:81//Hs.138698:N38973
- 20 R-MAMMA1000410//Archain//1.8e-40:443:74//Hs.33642:X81198
- R-MAMMA1000413//Homo sapiens mRNA for KIAA0792 protein, complete cds//1.3e-27:304:
25 72//Hs.119387:AB007958
- R-MAMMA1000414//ESTs//2.9e-27:181:87//Hs.141254:AI334099
- 30 R-MAMMA1000416//Human macrophage-derived chemokine precursor (MDC) mRNA,
complete cds//1.5e-58:282:82//Hs.97203:U83171
- R-MAMMA1000421//Thromboxane A2 receptor//4.9e-48:372:80//Hs.89887:D38081
- 35 R-MAMMA1000422//ESTs//0.077:240:62//Hs.123136:AA631067
- R-MAMMA1000423//Human mRNA for KIAA0392 gene, partial cds//1.3e-48:375:81//Hs.40100:
40 AB002390
- R-MAMMA1000424//Human melanoma antigen recognized by T-cells (MART-1) mRNA//1.4e-
44:418:75//Hs.154069:U06452
- 45 R-MAMMA1000429//ESTs//3.9e-113:565:96//Hs.5076:N53461
- R-MAMMA1000431//Human macrophage-derived chemokine precursor (MDC) mRNA,
50 complete cds//8.6e-68:302:85//Hs.97203:U83171
- R-MAMMA1000444//Calcium modulating ligand//5.5e-44:344:81//Hs.13572:AF068179
- 55 R-MAMMA1000446//ESTs//1.0:236:60//Hs.126958:AI147447
- R-MAMMA1000458

EP 1 074 617 A2

- R-MAMMA1000468//ESTs//4.4e-51:271:96//Hs.6839:AA055176
- 5 R-MAMMA1000472//ESTs//5.4e-39:146:86//Hs.141581:AA315361
- R-MAMMA1000478//ESTs//2.3e-74:365:98//Hs.140591:AA828959
- 10 R-MAMMA1000483//ESTs//9.9e-23:235:75//Hs.163592:AA280886
- R-MAMMA1000490//EST//2.1e-80:500:87//Hs.142137:AA213759
- 15 R-MAMMA1000500//Small inducible cytokine A5 (RANTES)//4.7e-43:283:86//Hs.155464:AF088219
- R-MAMMA1000501//ESTs//4.2e-37:250:86//Hs.141323:N80390
- 20 R-MAMMA1000516//Human mRNA for KIAA0392 gene, partial cds//5.1e-46:459:75//Hs.40100:AB002390
- R-MAMMA1000522//ESTs//9.5e-16:226:70//Hs.116673:AA669267
- 25 R-MAMMA1000559//ESTs//5.2e-34:244:84//Hs.150727:AI292236
- R-MAMMA1000565//EST//2.7e-38:386:76//Hs.162404:AA573131
- 30 R-MAMMA1000567//EST//0.33:49:79//Hs.147754:AI220561
- R-MAMMA1000576//ESTs//4.9e-57:348:89//Hs.108921:N31211
- 35 R-MAMMA1000583//Homo sapiens KIAA0412 mRNA, partial cds//1.3e-52:373:77//Hs.6200:AB007872
- 40 R-MAMMA1000585//ESTs//5.1e-40:337:78//Hs.130815:AA936548
- R-MAMMA1000594//Small inducible cytokine A5 (RANTES)//3.0e-45:225:80//Hs.155464:AF088219
- 45 R-MAMMA1000597//ESTs//2.0e-98:461:99//Hs.43212:AA993042
- 50 R-MAMMA1000605//CD4 receptor {exons 1 and 2} [human, T-lymphocyte, mRNA, 3429 nt]//1.5e-50:500:73//Hs.116007:S79267
- 55 R-MAMMA1000612//ESTs, Highly similar to HYPOTHETICAL TRP-ASP REPEATS CONTAINING PROTEIN IN SIS1-MRPL2 INTERGENIC REGION [Saccharomyces cerevisiae]//8.6e-108:559:94//Hs.29203:AI344105

EP 1 074 617 A2

R-MAMMA1000616//EST//0.071:169:60//Hs.144096:AI032180

5 R-MAMMA1000621//ESTs//1.0e-90:477:94//Hs.26073:R96361

R-MAMMA1000623

10 R-MAMMA1000625//ESTs//3.4e-98:556:91//Hs.119482:AI361002

R-MAMMA1000643//EST//4.9e-74:379:96//Hs.137447:AA342203

15 R-MAMMA1000664//Homo sapiens mRNA for putative lipoic acid synthetase, partial//3.2e-43:400:76//Hs.53531:AJ224162

R-MAMMA1000669//EST//6.9e-53:368:84//Hs.149580:AI281881

20 R-MAMMA1000670//ESTs, Highly similar to HYPOTHETICAL PROTEIN IN TONB 3'REGION [Klebsiella pneumoniae]//8.4e-98:464:98//Hs.31431:AI022065

R-MAMMA1000672//ESTs//2.0e-80:382:99//Hs.106747:AI080476

25 R-MAMMA1000684//ESTs//6.2e-72:357:98//Hs.67896:AA865212

R-MAMMA1000696//Human mRNA for KIAA0345 gene, complete cds//3.3e-52:216:75//Hs.98938:AB002343

30 R-MAMMA1000707//EST//7.0e-11:195:68//Hs.147002:AI184644

35 R-MAMMA1000713//Homo sapiens DEC-205 mRNA, complete cds//1.5e-45:485:74//Hs.153563:AF011333

R-MAMMA1000714//ESTs, Moderately similar to hypothetical protein 2 [H.sapiens]//1.2e-29:158:79//Hs.142764:AA205569

40 R-MAMMA1000718//ESTs//3.1e-45:264:88//Hs.152413:AA780515

45 R-MAMMA1000720//ESTs//7.4e-44:244:87//Hs.111742:R39329

R-MAMMA1000723//Homo sapiens mRNA for alpha(1,2)fucosyltransferase, complete cds//5.6e-52:350:82//Hs.46328:D87942

50 R-MAMMA1000731//ESTs//1.1e-19:420:66//Hs.35036:H95267

R-MAMMA1000732//EST//2.9e-20:229:74//Hs.135400:AI056893

55 R-MAMMA1000733//ESTs, Weakly similar to HYPOTHETICAL 92.1 KD PROTEIN ZK1098.3 IN CHROMOSOME III [Caenorhabditis elegans]//1.2e-35:371:74//Hs.141429:AA631915

EP 1 074 617 A2

R-MAMMA1000734//Homo sapiens SEC63 (SEC63) mRNA, complete cds//2.1e-58:253:98//Hs.31575:AF100141

5 R-MAMMA1000738//ESTs, Weakly similar to similar to Achlya ambisexualis antheridiol steroid receptor [C.elegans]//2.3e-116:557:98//Hs.71472:AA632288

10 R-MAMMA1000744//ESTs//0.015:143:67//Hs.135382:AI224205

R-MAMMA1000746//Human Line-1 repeat mRNA with 2 open reading frames//2.3e-90:568:86//Hs.23094:M19503

15 R-MAMMA1000752//Interleukin 10//2.8e-43:339:80//Hs.2180:M57627

R-MAMMA1000760//EST//5.0e-44:306:86//Hs.162404:AA573131

20 R-MAMMA1000761//EST//5.0e-41:187:85//Hs.162335:AA564256

R-MAMMA1000775//Human mRNA for KIAA0355 gene, complete cds//3.0e-46:465:76//Hs.153014:AB002353

25 R-MAMMA1000776//ESTs//1.9e-43:429:73//Hs.141742:W22204

R-MAMMA1000778//ESTs//1.8e-31:445:70//Hs.111723:H57439

30 R-MAMMA1000782//EST//0.0019:102:68//Hs.120686:AA747150

R-MAMMA1000798//ESTs//1.4e-13:267:69//Hs.140156:AA704163

35 R-MAMMA1000802//Clathrin, light polypeptide (Lcb)//1.5e-45:358:76//Hs.73919:X81637

R-MAMMA1000831//ESTs//1.3e-1,04:510:97//Hs.17494:AA572675

40 R-MAMMA1000839//EST//2.9e-51:307:89//Hs.149580:AI281881

R-MAMMA1000841//ESTs//1.3e-34:412:72//Hs.121256:AA757902

45 R-MAMMA1000842//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//9.4e-44:363:79//Hs.96337:AA225358

50 R-MAMMA1000843//ESTs//2.2e-106:525:97//Hs.152016:AA603097

R-MAMMA1000845//ESTs//1.6e-66:327:98//Hs.156900:AA468955

55 R-MAMMA1000851//ESTs//3.7e-14:115:86//Hs.140590:R76251

EP 1 074 617 A2

R-MAMMA1000855//Human mRNA for KIAA0392 gene, partial cds//5.7e-47:281:91//Hs.40100:AB002390

5 R-MAMMA1000856//EST//1.8e-16:150:79//Hs.136811:AA789212

R-MAMMA1000862//EST//3.2e-05:93:73//Hs.161205:AI419311

10 R-MAMMA1000863//ESTs//1.0e-46:446:73//Hs.153432:AA098922

R-MAMMA1000865//Homo sapiens clone 23632 mRNA sequence//3.0e-39:324:80//Hs.46918:AF052099

15

R-MAMMA1000867//ESTs//9.8e-16:193:76//Hs.152340:AA521399

R-MAMMA1000875//EST//3.1e-24:301:72//Hs.132635:AI032875

20

R-MAMMA1000876//ESTs//9.9e-48:246:97//Hs.112165:AA621243

R-MAMMA1000877//ESTs//1.4e-38:324:79//Hs.141024:H07128

25

R-MAMMA1000880//Homo sapiens mRNA for KIAA0594 protein, partial cds//3.2e-40:542:68//Hs.154872:AB011166

30

R-MAMMA1000883//ESTs//1.0:207:60//Hs.47199:N51107

R-MAMMA1000897//ESTs//2.6e-78:383:97//Hs.41067:AI310215

35

R-MAMMA1000905//Human mRNA for KIAA0331 gene, complete cds//9.7e-53:307:91//Hs.146395:AB002329

R-MAMMA1000906//ESTs//8.0e-25:206:83//Hs.141825:AA017093

40

R-MAMMA1000908//ESTs//4.4e-32:176:96//Hs.38559:AA701634

R-MAMMA1000914//ESTs//0.032:150:63//Hs.119162:AA399989

45

R-MAMMA1000921//Human 53K isoform of Type II phosphatidylinositol-4-phosphate 5-kinase (PIPK) mRNA, complete cds//7.7e-38:269:74//Hs.108966:U48696

50

R-MAMMA1000931//ESTs//1.2e-80:457:91//Hs.122319:AA782335

R-MAMMA1000940//ESTs//3.3e-43:329:82//Hs.35254:AI133727

55

R-MAMMA1000941//ESTs//7.5e-55:306:84//Hs.163936:AA632281

R-MAMMA1000942//ESTs//2.5e-83:405:98//Hs.116491:AA650428

EP 1 074 617 A2

R-MAMMA1000943//Cytochrome P450, subfamily I (aromatic compound-inducible),
 polypeptide 2//9.3e-79:567:80//Hs.1361:M55053
 5
 R-MAMMA1000956//EST//5.7e-53:256:100//Hs.162209:AA536178
 R-MAMMA1000957//Kangai 1 (suppression of tumorigenicity 6, prostate; CD82 antigen (R2
 10 leukocyte antigen, antigen detected by monoclonal and antibody IA4))//7.5e-49:340:
 85//Hs.103458:X53795
 R-MAMMA1000962//Homo sapiens mRNA for KIAA0575 protein, complete cds//2.0e-48:216:
 15 85//Hs.153468:AB011147
 R-MAMMA1000968//EST//6.2e-46:302:86//Hs.149580:AI281881
 R-MAMMA1000975//ESTs//1.4e-85:428:96//Hs.141742:W22204
 20 R-MAMMA1000979//Homo sapiens mRNA for KIAA0761 protein, partial cds//8.0e-39:338:
 79//Hs.93121:AB018304
 R-MAMMA1000987//EST//2.8e-41:249:90//Hs.149580:AI281881
 R-MAMMA1000998//Homo sapiens apoptotic protease activating factor 1 (Apaf-1) mRNA,
 30 complete cds//3.9e-50:445:77//Hs.77579:AF013263
 R-MAMMA1001003//Sialophorin (gpL115, leukosialin, CD43)//4.1e-51:282:82//Hs.80738:
 35 X52075
 R-MAMMA1001008//ESTs, Weakly similar to renin [H.sapiens]//1.9e-82:405:97//Hs.25863:
 AA630313
 R-MAMMA1001021//Homo sapiens DEC-205 mRNA, complete cds//3.0e-44:309:
 40 86//Hs.153563:AF011333
 R-MAMMA1001024//ESTs//6.8e-35:333:78//Hs.107657:AA126814
 45 R-MAMMA1001030//ESTs//1.6e-110:552:96//Hs.59483:AA524536
 R-MAMMA1001035//ESTs//1.0e-45:273:85//Hs.138856:H47461
 50 R-MAMMA1001038//Human mRNA for KIAA0392 gene, partial cds//3.0e-50:298:91//Hs.40100:
 AB002390
 R-nnnnnnnnnnnn//ESTs//3.6e-86:445:95//Hs.122625:R68650
 55 R-MAMMA1001050//EST//2.2e-54:387:85//Hs.149580:AI281881

EP 1 074 617 A2

- 5 R-MAMMA1001059//ESTs, Moderately similar to RNA helicase [M.musculus]/1.7e-13:273:65//Hs.98738:AI015487
- R-MAMMA1001067//ESTs//1.3e-38:324:78//Hs.20190:AA525532
- 10 R-MAMMA1001073//ESTs//5.2e-106:554:94//Hs.12336:W63748
- R-MAMMA1001074//Human mRNA for KIAA0355 gene, complete cds//1.2e-38:544:68//Hs.153014:AB002353
- 15 R-MAMMA1001075//ESTs//2.0e-98:463:99//Hs.18341:N38944
- R-MAMMA1001078//Human Line-1 repeat mRNA with 2 open reading frames//1.7e-84:556:85//Hs.23094:M19503
- 20 R-MAMMA1001082//ESTs//2.4e-71:356:97//Hs.152302:T90222
- R-MAMMA1001091//ESTs//4.7e-83:429:95//Hs.154412:AA310926
- 25 R-MAMMA1001092//Homo sapiens X-ray repair cross-complementing protein 2 (XRCC2) mRNA, complete cds//6.4e-34:262:82//Hs.129727:AF035587
- 30 R-MAMMA1001105//Human putative RNA binding protein RNPL mRNA, complete cds//4.2e-27:232:76//Hs.61840:U28686
- R-MAMMA1001110//ESTs//1.6e-17:128:87//Hs.161314:AI421576
- 35 R-MAMMA1001126//CD4 receptor {exons 1 and 2} [human, T-lymphocyte, mRNA, 3429 nt]//8.8e-53:462:78//Hs.116007:S79267
- 40 R-MAMMA1001133//Homo sapiens tapasin (NGS-17) mRNA, complete cds//1.8e-59:460:81//Hs.5247:AF029750
- R-MAMMA1001139//ESTs//1.3e-62:341:94//Hs.18819:R01029
- 45 R-MAMMA1001143//ESTs//3.0e-48:383:80//Hs.152340:AA521399
- R-MAMMA1001145//Calcium modulating ligand//5.1e-48:403:79//Hs.13572:AF068179
- 50 R-MAMMA1001154//EST//6.8e-35:313:75//Hs.162404:AA573131
- R-MAMMA1001161//Homo sapiens tapasin (NGS-17) mRNA, complete cds//1.1e-58:409:84//Hs.5247:AF029750
- 55 R-MAMMA1001162//ESTs, Highly similar to t-BOP [M.musculus]/2.1e-91:430:99//Hs.129982:

EP 1 074 617 A2

AI420970

- 5 R-MAMMA1001181//ESTs//5.0e-112:557:96//Hs.118181:W02251
- R-MAMMA1001186//ESTs//3.8e-85:410:99//Hs.163811:W44959
- 10 R-MAMMA1001191//ESTs//0.018:57:87//Hs.141253:AA226519
- R-MAMMA1001198//ESTs, Weakly similar to involved in signaling by the epidermal growth factor receptor [M.musculus]//2.6e-80:358:96//Hs.163827:AA074202
- 15 R-MAMMA1001202//ESTs//7.0e-43:230:95//Hs.79788:AA527348
- R-MAMMA1001203//Clathrin, light polypeptide (Lcb)//2.8e-65:348:79//Hs.73919:X81637
- 20 R-MAMMA1001206//EST//0.098:84:72//Hs.162941:AA635148
- R-MAMMA1001215//ESTs//1.3e-43:156:86//Hs.155243:N70293
- 25 R-MAMMA1001220//ESTs//8.9e-17:276:68//Hs.116518:AA653202
- R-MAMMA1001222//ESTs//0.49:112:66//Hs.24668:AA897315
- 30 R-MAMMA1001243//EST//0.99:143:62//Hs.68522:C20701
- R-MAMMA1001244//ESTs//2.2e-06:79:83//Hs.123163:AA809619
- 35 R-MAMMA1001249//ESTs//4.2e-68:343:97//Hs.147139:AI191307
- R-MAMMA1001256//ESTs, Moderately similar to hypothetical protein 2 [H.sapiens]//4.7e-31:221:77//Hs.142764:AA205569
- 40 R-MAMMA1001259//ESTs//1.3e-43:266:90//Hs.6193:AA045149
- R-MAMMA1001260//Homo sapiens mRNA for KIAA0661 protein, complete cds//2.0e-21:226:75//Hs.65238:AB014561
- 45 R-MAMMA1001268//H.sapiens HCG II mRNA//2.4e-53:181:85//Hs.146333:X81001
- 50 R-MAMMA1001271//ESTs, Highly similar to PUTATIVE SERINE/THREONINE-PROTEIN KINASE EMK [Mus musculus]//1.1e-108:546:95//Hs.18999:N30643
- R-MAMMA1001274//Homo sapiens mRNA for KIAA0572 protein, partial cds//4.4e-32:188:94//Hs.14409:AB011144
- 55 R-MAMMA1001280//EST//0.0015:170:62//Hs.116770:AA630371

EP 1 074 617 A2

R-MAMMA1001292//ESTs//5.6e-102:481:99//Hs.94810:AA811876

5 R-MAMMA1001296//Homo sapiens mRNA for KIAA0563 protein, complete cds//2.2e-27:348:70//Hs.15731:AB011135

R-MAMMA1001298//ESTs//1.4e-44:375:79//Hs.70279:AA757426

10 R-MAMMA1001305//Human G protein-coupled receptor (STRL22) mRNA, complete cds//4.0e-43:300:85//Hs.46468:U45984

15 R-MAMMA1001322//Homo sapiens stress-activated protein kinase 4 mRNA, complete cds//8.8e-12:188:70//Hs.55771:AF004709

R-MAMMA1001324//ESTs//5.3e-68:297:88//Hs.121228:AA709471

20 R-MAMMA1001330//ESTs//1.6e-57:429:83//Hs.70279:AA757426

R-MAMMA1001341//Homo sapiens 4F5S mRNA, complete cds//4.8e-27:285:75//Hs.32567:AF073519

25 R-MAMMA1001343//ESTs//8.1e-51:273:93//Hs.162208:AA536127

R-MAMMA1001346//ESTs//1.0:122:65//Hs.33028:AA482478

30 R-MAMMA1001383//ESTs//1.4e-45:377:80//Hs.114671:N39322

35 R-MAMMA1001388//EST//7.7e-47:361:80//Hs.162197:AA535216

R-MAMMA1001397//EST//8.7e-48:337:83//Hs.149580:AI281881

40 R-MAMMA1001408//EST//1.2e-38:251:87//Hs.162677:AA604831

R-MAMMA1001411//ESTs//4.3e-93:435:99//Hs.105460:AA780275

45 R-MAMMA1001419//Homo sapiens translation initiation factor 4e mRNA, complete cds//1.6e-19:117:96//Hs.19122:AF038957

R-MAMMA1001420//ESTs//7.3e-96:507:95//Hs.55299:AI335267

50 R-MAMMA1001435//ESTs//5.0e-97:459:99//Hs.144843:AI222168

R-MAMMA1001442//ESTs//7.1e-28:167:83//Hs.141019:AA287618

55 R-MAMMA1001446//Homo sapiens KIAA0432 mRNA, complete cds//6.2e-19:328:67//Hs.155174:AB007892

EP 1 074 617 A2

R-MAMMA1001452//EST//5.6e-44:487:75//Hs.161476:N57542

5 R-MAMMA1001465

R-MAMMA1001476//Homo sapiens yolk sac permease-like molecule 3 (YSPL3) mRNA, complete cds//0.79:182:66//Hs.136529:AF058317

10 R-MAMMA1001487//Homo sapiens KIAA0395 mRNA, partial cds//1.1e-35:328:78//Hs.43681:AL022394

15 R-MAMMA1001501//ESTs//4.6e-100:472:98//Hs.123660:AA813065

R-MAMMA1001502//Human mRNA for KIAA0080 gene, partial cds//5.6e-15:220:69//Hs.74554:D38522

20 R-MAMMA1001510

R-MAMMA1001522//ESTs//3.2e-16:214:75//Hs.152816:AA634242

25 R-MAMMA1001547//H.sapiens mRNA for urea transporter//2.3e-45:282:89//Hs.66710:X96969

R-MAMMA1001551//Human 53K isoform of Type II phosphatidylinositol-4-phosphate 5-kinase (PIPK) mRNA, complete cds//1.9e-56:489:76//Hs.108966:U48696

30 R-MAMMA1001575//ESTs//4.3e-92:440:98//Hs.162882:AA807140

35 R-MAMMA1001576//ESTs, Highly similar to TUBULIN GAMMA CHAIN [Homo sapiens]//1.9e-111:549:96//Hs.21635:AI417305

R-MAMMA1001590//ESTs//1.1e-63:324:96//Hs.142217:AA278441

40 R-MAMMA1001600//ESTs//5.6e-15:159:78//Hs.138633:H98792

R-MAMMA1001604

45 R-MAMMA1001606//ESTs, Weakly similar to finger protein kox1 [H.sapiens]//1.9e-97:488:96//Hs.143263:AI057616

50 R-MAMMA1001620//Homo sapiens mRNA, clone:RES4-16//5.4e-43:408:76//Hs.121493:D25272

55 R-MAMMA1001627//Homo sapiens mRNA for KIAA0772 protein, complete cds//2.0e-49:472:76//Hs.15519:AB018315

R-MAMMA1001630//ESTs, Weakly similar to putative p150 [H.sapiens]//6.8e-15:168:

EP 1 074 617 A2

73//Hs.115216:AA291074

- 5 R-MAMMA1001633//EST//5.1e-14:228:68//Hs.141456:N36377
- R-MAMMA1001635//ESTs//3.4e-37:368:75//Hs.164033:AA769606
- 10 R-MAMMA1001649
- R-MAMMA1001663//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete cds//1.7e-54:272:81//Hs.129735:AF010144
- 15 R-MAMMA1001670//Small inducible cytokine A5 (RANTES)//5.7e-50:304:89//Hs.155464:AF088219
- R-MAMMA1001671//EST//1.9e-14:312:65//Hs.137153:R46248
- 20 R-MAMMA1001679//H.sapiens mRNA for rho GDP-dissociation Inhibitor 1//0.066:196:62//Hs.159161:X69550
- 25 R-MAMMA1001683//ESTs//4.9e-94:447:98//Hs.134464:AI151081
- R-MAMMA1001686//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0488//1.0e-17:246:73//Hs.67619:AB007957
- 30 R-MAMMA1001692//Human mRNA for KIAA0063 gene, complete cds//2.1e-47:294:89//Hs.3094:D31884
- 35 R-MAMMA1001711//ESTs//2.4e-86:439:96//Hs.18498:N52088
- R-MAMMA1001715//ESTs//1.2e-73:399:931//Hs.124620:AI082338
- 40 R-MAMMA1001730//ESTs//1.1e-85:403:99//Hs.125464:AI084596
- R-MAMMA1001735//ESTs, Highly similar to TUBULIN BETA-5 CHAIN [Gallus gallus]//3.7e-110:552:96//Hs.6923:AI161158
- 45 R-MAMMA1001740//ESTs//4.6e-45:342:82//Hs.37573:H59651
- R-MAMMA1001743//EST//2.7e-58:412:85//Hs.149742:AI285666
- 50 R-MAMMA1001744
- R-MAMMA1001745//EST//5.6e-54:374:84//Hs.137041:AA877817
- 55 R-MAMMA1001751//EST//3.5e-36:375:73//Hs.139715:N25041

EP 1 074 617 A2

R-MAMMA1001754//EST//0.18:144:66//Hs.71957:AA151413

5 R-MAMMA1001757//ESTs//1.0e-9.8:488:96//Hs.45184:C14904

R-MAMMA1001760//ESTs//8.7e-29:206:86//Hs.143310:AI142276

10 R-MAMMA1001764//ESTs//0.00012:434:58//Hs.120051:AA707847

R-MAMMA1001768//Human mRNA for KIAA0327 protein, complete cds//2.3e-41:299:85//Hs.149323:AB002325

15 R-MAMMA1001769//EST//1.7e-15:139:81//Hs.162399:AA572825

R-MAMMA1001771//ESTS, Moderately similar to semaphorin B [M.musculus]//7.6e-43:257:91//Hs.7634:AA481246

20 R-MAMMA1001783//Human high-affinity copper uptake protein (hCTR1) mRNA, complete cds//5.6e-42:272:86//Hs.73614:U83460

25 R-MAMMA1001785//ESTs//1.5e-87:431:98//Hs.131065:AA972238

R-MAMMA1001788//EST//0.95:108:62//Hs.145881:AI274644

30 R-MAMMA1001790//ESTs//4.0e-41:340:80//Hs.158045:AA425744

R-MAMMA1001806//EST//1.4e-40:297:84//Hs.141240:H60313

35 R-MAMMA1001812//ESTs//2.4e-93:446:98//Hs.129034:AA776892

R-MAMMA1001815//EST//0.00053:371:59//Hs.133255:AI052659

40 R-MAMMA1001817//Human mRNA for KIAA0226 gene, complete cds//2.1e-46:325:87//Hs.44106:D86979

45 R-MAMMA1001818

R-MAMMA1001820//EST//1.9e-49:303:89//Hs.149580:AI281881

R-MAMMA1001824//Homo sapiens 4F5S mRNA, complete cds//4.3e-48:438:75//Hs.32567:AF073519

50 R-MAMMA1001836//ESTs//3.8e-06:128:71//Hs.143611:M78140

55 R-MAMMA1001837//Homo sapiens KIAA0395 mRNA, partial cds//3.8e-47:339:83//Hs.43681:AL022394

EP 1 074 617 A2

R-MAMMA1001848//ESTs//2.1e-16:125:85//Hs.161662:AA836811

R-MAMMA1001851//ESTs//4.5e-48:344:84//Hs.138856:H47461

5 R-MAMMA1001854//Small inducible cytokine A5 (RANTES)//2.6e-38:280:83//Hs.155464:AF088219

10 R-MAMMA1001858//ESTs//1.1e-44:331:83//Hs.44702:AI148840

R-MAMMA1001864//Homo sapiens mRNA for KIAA0475 protein, complete cds//7.8e-31:262:77//Hs.5737:AB007944

15 R-nnnnnnnnnnnn//Homo sapiens antigen NY-CO-16 mRNA, complete cds//9.2e-06:450:58//Hs.132206:AF039694

20 R-MAMMA1001874//Human high-affinity copper uptake protein (hCTR1) mRNA, complete cds//4.9e-46:332:83//Hs.73614:U83460

R-MAMMA1001878//Cytochrome P450, 51 (lanosterol 14-alpha-demethylase)//1.2e-46:429:78//Hs.2379:U23942

25 R-MAMMA1001880//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//7.6e-26:230:79//Hs.106008:AA147606

30 R-MAMMA1001890//ESTs//1.1e-39:338:79//Hs.146811:AA410788

R-MAMMA1001907//Kangai 1 (suppression of tumorigenicity 6, prostate; CD82 antigen (R2 leukocyte antigen, antigen detected by monoclonal and antibody IA4))//6.7e-47:283:89//Hs.103458:X53795

35 R-nnnnnnnnnnnn//ESTs//0.043:134:65//Hs.145333:AI251374

40 R-MAMMA1001931//ESTs//1.8e-75:361:99//Hs.148125:AA693801

R-MAMMA1001956//Homo sapiens mRNA for KIAA0706 protein, complete cds//1.4e-18:174:77//Hs.139648:AB014606

45 R-MAMMA1001963//ESTs//6.7e-28:206:84//Hs.163254:AA828790

50 R-MAMMA1001969//ESTs, Weakly similar to hypothetical protein [H.sapiens]//6.7e-24:331:71//Hs.140506:AA308018

R-MAMMA1001970//ESTs//8.9e-61:286:84//Hs.141575:AA211734

55 R-MAMMA1001992//ESTs//4.4e-43:339:82//Hs.155498:W27084

EP 1 074 617 A2

R-MAMMA1002009//Small inducible cytokine A5 (RANTES)//4.6e-24:330:70//Hs.155464:AF088219

5 R-MAMMA1002011//ESTs//9.5e-72:360:97//Hs.13525:R39054

R-MAMMA1002032//Human melanoma antigen recognized by T-cells (MART-1) mRNA//3.7e-45:370:80//Hs.154069:U06452

10

R-MAMMA1002033//EST//4.6e-23:264:74//Hs.161917:AA483223

R-MAMMA1002041//ESTs//3.8e-100:465:100//Hs.141361:AI206412

15

R-MAMMA1002042//Homo sapiens 4F5S mRNA, complete cds//1.1e-43:407:76//Hs.32567:AF073519

20 R-MAMMA1002047//Homo sapiens mRNA for chemokine LEC precursor, complete cds//1.9e-37:316:74//Hs.10458:AF088219

R-MAMMA1002056//EST//1.3e-51:310:90//Hs.149580:AI281881

25

R-MAMMA1002058//ESTs//5.9e-16:135:84//Hs.95807:AA146979

R-MAMMA1002068//ESTs, Weakly similar to HYPOTHETICAL 43.3 KD PROTEIN IN QOXD-VPR INTERGENIC REGION [Bacillus subtilis]//4.0e-45:404:7811Hs/138596:N38806

30

R-MAMMA1002078//EST//2.2e-15:207:71//Hs.132635:AI032875

35 R-MAMMA1002082//Homo sapiens mRNA for TSC403 protein, complete cds//1.7e-42:314:83//Hs.10887:AB013924

R-MAMMA1002084//Human mRNA for KIAA0392 gene, partial cds//3.7e-46:308:87//Hs.40100:AB002390

40

R-MAMMA1002093//EST//0.89:213:60//Hs.151201:AI125907

45

R-MAMMA1002108//ESTs//1.0e-95:515:93//Hs.29002:H11347

R-MAMMA1002118

50

R-MAMMA1002125//Thromboxane A2 receptor//7.2e-43:335:83//Hs.89887:D38081

R-MAMMA1002132//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete cds//1.4e-58:396:78//Hs.129735:AF010144

55

R-MAMMA1002140//Homo sapiens nephrin (NPHS1) mRNA, complete cds//1.4e-37:422:75//Hs.128834:AF035835

EP 1 074 617 A2

R-MAMMA1002143//ESTs//0.050:123:69//Hs.8231:AA152276

5 R-MAMMA1002145//Homo sapiens KIAA0426 mRNA, complete cds//5.0e-21:371:69//Hs.97476:AB007886

R-MAMMA1002153//ESTs//2.0e-31:159:77//Hs.130815:AA936548

10 R-MAMMA1002155//Human Line-1 repeat mRNA with 2 open reading frames//8.7e-39:506:69//Hs.23094:M19503

15 R-MAMMA1002156//Homo sapiens mRNA for putative lipoic acid synthetase, partial//2.9e-44:336:82//Hs.53531:AJ224162

R-MAMMA1002158//ESTs//3-0e-40:313:83//Hs.118273:AA626040

20 R-MAMMA1002170//Homo sapiens mRNA for TRAF5, complete cds//7.7e-37:370:77//Hs.29736:AB000509

25 R-MAMMA1002174//ESTs//2.5e-16:186:75//Hs.141203:H52638

R-MAMMA1002198//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487//6.2e-51:318:82//Hs.92381:AB007956

30 R-MAMMA1002209//ESTs//9.2e-34:111:88//Hs.141575:AA211734

R-MAMMA1002215//ESTs//3.6e-101:530:94//Hs.26780:N50038

35 R-MAMMA1002219//Homo sapiens mRNA for KIAA0640 protein, partial cds//5.2e-45:283:88//Hs.153026:AB014540

40 R-MAMMA1002230//Human 53K isoform of Type II phosphatidylinositol-4-phosphate 5-kinase (PIPK) mRNA, complete cds//9.1e-50:330:77//Hs.108966:U48696

R-MAMMA1002236

45 R-MAMMA1002243

R-MAMMA1002250//Homo sapiens PYRIN (MEFV) mRNA, complete cds//1.2e-44:299:87//Hs.113283:AF018080

50 R-MAMMA1002267//Homo sapiens mRNA, chromosome 1 specific transcript

55 KIAA0487//1.6e-54:207:81//Hs.92381:AB007956

R-MAMMA1002268//ESTs//2.9e-94:439:100//Hs.68061:AI042283

EP 1 074 617 A2

R-MAMMA1002269//ESTs//7.4e-05:170:65//Hs.140466:AA766772

5 R-MAMMA1002282//ESTs//7.8e-09:69:78//Hs.159502:AA225141

R-MAMMA1002292//ESTs//5.3e-64:334:94//Hs.113606:AI138751

10 R-MAMMA1002293//ESTs, Moderately similar to plakophilin 2b [H.sapiens]//1.7e-39:203:81//Hs.154257:AI275982

R-MAMMA1002294//EST//8.1e-43:326:82//Hs.149580:AI281881

15 R-MAMMA1002297//ESTs//6.5e-45:323:83//Hs.155475:AA761454

R-MAMMA1002298//ESTs//1.7e-68:355:96//Hs.52683:H87153

20 R-MAMMA1002299//ESTs, Highly similar to LINE-1 REVERSE TRANSCRIPTASE HOMOLOG [Homo sapiens]//2.3e-58:346:91//Hs.140385:AA773359

25 R-MAMMA1002308

R-MAMMA1002310//Human melanoma antigen recognized by T-cells (MART-1) mRNA//2.2e-44:280:87//Hs.154069:U06452

30 R-MAMMA1002311//Human Line-1 repeat mRNA with 2 open reading frames//2.3e-70:503:81//Hs.23094:M19503

35 R-MAMMA1002312//EST//1.7e-31:144:80//Hs.135936:N36094

R-MAMMA1002317//Human mRNA for tryptophan hydroxylase (EC 1.14.16.4)//4.3e-49:457:76//Hs.144563:AF057280

40 R-MAMMA1002319//ESTs//3.9e-38:297:70//Hs.140326:AA827183

R-MAMMA1002322//ESTs//1.1e-46:301:86//Hs.155498:W27084

45 R-MAMMA1002329//EST//2.6e-09:146:72//Hs.132366:AI026658

R-MAMMA1002332//Homo sapiens clone 23892 mRNA sequence//2.6e-45:387:70//Hs.91916:AF035317

50 R-MAMMA1002333//EST//1.8e-09:139:74//Hs.137800:AA886897

55 R-MAMMA1002339//ESTs//4.2e-47:310:76//Hs.138865:W57618

R-MAMMA1002347//ESTS//1.5e-44:326:83//Hs.111723:H57439

EP 1 074 617 A2

- R-MAMMA1002351//ESTs//3.0e-112:545:97//Hs.26209:AI143127
- 5 R-MAMMA1002352//Homo sapiens mRNA for leukemia associated gene 2//1.5e-58:259:92//Hs.43628:Y15228
- R-MAMMA1002353//Human mRNA for KIAA0392 gene, partial cds//4.5e-40:360:77//Hs.40100:AB002390
- 10 R-MAMMA1002355//ESTs//1.4e-29:307:75//Hs.3769:AI085367
- 15 R-MAMMA1002356//Clathrin, light polypeptide (Lcb)//4.9e-31:217:88//Hs.73919:X81637
- R-MAMMA1002359//Homo sapiens PYRIN (MEFV) mRNA, complete cds//1.1e-70:483:84//Hs.113283:AF018080
- 20 R-MAMMA1002360//ESTs//3.5e-19:301:69//Hs.124701:AA701475
- R-MAMMA1002361//Homo sapiens X-ray repair cross-complementing protein 2 (XRCC2) mRNA, complete cds//2.6e-30:244:81//Hs.129727:AF035587
- 25 R-MAMMA1002362//ESTs//2.3e-43:241:88//Hs.150727:AI292236
- 30 R-MAMMA1002380//ESTs//5.1e-36:322:79//Hs.136994:AA843542
- R-MAMMA1002384//Small inducible cytokine A5 (RANTES)//1.8e-42:298:84//Hs.155464:AF088219
- 35 R-MAMMA1002385//ESTs//0.57:203:63//Hs.146303:AA579061
- R-MAMMA1002392//Human mRNA for platelet-activating factor acetylhydrolase 2, complete cds//5.8e-41:305:83//Hs.86188:D87845
- 40 R-MAMMA1002411//ESTs//4.4e-68:385:92//Hs.53478:N92294
- 45 R-MAMMA1002413//Homo sapiens mRNA for small GTP-binding protein, complete cds//3.3e-14:138:75//Hs.115325:D84488
- R-MAMMA1002417//ESTs//1.6e-98:475:98//Hs.96345:N22588
- 50 R-MAMMA1002427//ESTs//3.1e-39:274:79//Hs.141130:H28477
- R-MAMMA1002428//ESTs//8.4e-11:215:66//Hs.141022:H06475
- 55 R-MAMMA1002434//ESTS, Moderately similar to !!!! ALU SUBFAMILY SP WARNING ENTRY !!!! [H.sapiens]//2.5e-106:521:98//Hs.112152:AA487348

EP 1 074 617 A2

- 5 R-MAMMA1002446//ESTs, Weakly similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!!
[H.sapiens]//4.7e-37:374:68//Hs.157142:U85996
- 10 R-MAMMA1002454//Homo sapiens mRNA, chromosome 1 specific transcript
KIAA0485//2.0e-60:323:81//Hs.89121:AB007954
- 15 R-MAMMA1002461//ESTs//4.7e-111:548:97//Hs.104281:AA147076
- R-MAMMA1002470//ESTs, Highly similar to HYPOTHETICAL 80.7 KD PROTEIN IN ERG7-
NMD2 INTERGENIC REGION [Saccharomyces cerevisiae]//8.5e-104:544:93//Hs.94570:
AI192106
- 20 R-MAMMA1002475//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!!
[H.sapiens]//3.4e-31:263:79//Hs.38687:AA744496
- 25 R-MAMMA10024807//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!!
[H.sapiens]//1.0e-34:159:79//Hs.133526:N21103
- 30 R-MAMMA1002485//Homo sapiens stanniocalcin-2 (STC-2) mRNA, complete cds//8.9e-116:
560:97//Hs.155223:AF055460
- R-MAMMA1002494//ESTs//3.2e-47:303:88//Hs.155243:N70293
- 35 R-MAMMA1002498//Human novel homeobox mRNA for a DNA binding protein//0.0043:331:
58//Hs.37035:U07664
- 40 R-MAMMA1002524//ESTs//0.0039:354:61//Hs.125797:AA806277
- R-MAMMA1002530//Homo sapiens cytosolic phospholipase A2 gamma (cPLA2 gamma)
mRNA, complete cds//3.9e-103:529:95//Hs.18858:AF065214
- 45 R-MAMMA1002545//Homo sapiens mRNA for KIAA0575 protein, complete cds//9.5e-50:317:
88//Hs.153468:AB011147
- 50 R-MAMMA1002554//ESTs//2.3e-85:445:95//Hs.139140:AA218851
- R-MAMMA1002556//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!!
[H.sapiens]//1.0e-12:280:65//Hs.12725:T65058
- 55 R-MAMMA1002566//ESTs//2.3e-88:421:99//Hs.17602:AA705681
- R-MAMMA1002571//ESTs//5.1e-97:456:99//Hs.152834:AA595693
- R-MAMMA1002573//ESTs//3.1e-38:258:87//Hs.163989:R74433

EP 1 074 617 A2

- R-MAMMA1002585//ESTs//7.8e-96:533:91//Hs.26009:H49371
- R-MAMMA1002590//ESTs//0.61:202:62//Hs.161190:AI419258
- 5 R-MAMMA1002597//Cytochrome P450, subfamily IIB (phenobarbital-inducible), polypeptide
6//2.9e-21:177:75//Hs.1360:M29874
- 10 R-MAMMA1002598//ESTs//3.4e-113:544:97//Hs.20263:AA573737
- R-MAMMA1002603//Thiopurine S-methyltransferase//7.6e-35:225:80//Hs.51124:AF019369
- 15 R-MAMMA1002612//Cytochrome P450, subfamily I (aromatic compound-inducible),
polypeptide 2//4.2e-46:424:75//Hs.1361:M55053
- R-MAMMA1002617//ESTs//1.1e-38:229:92//Hs.96987:W27389
- 20 R-MAMMA1002618//Landsteiner-Wiener blood group glycoprotein//1.3e-27:185:
73//Hs.108287:L27670
- 25 R-MAMMA1002619//ESTs//1.7e-95:480:96//Hs.54873:AA526306
- R-MAMMA1002622//Thromboxane A2 receptor//3.2e-46:298:87//Hs.89887:D38081
- 30 R-MAMMA1002623//EST//4.3e-49:336:85//Hs.149580:AI281881
- R-MAMMA1002625//ESTs, Moderately similar to ovarian-specific protein [R.norvegicus]//2.3e-
35:308:79//Hs.93332:AA811920
- 35 R-MAMMA1002629//Homo sapiens mRNA for small GTP-binding protein, complete cds//9.7e-
57:283:86//Hs.115325:D84488
- 40 R-MAMMA1002636//Human mRNA for KIAA0392 gene, partial cds//1.2e-49:303:89//Hs.40100:
AB002390
- R-MAMMA1002637//ESTs//1.3e-55:391:85//Hs.95074:AI144421
- 45 R-MAMMA1002646//ESTs//7.4e-36:182:80//Hs.163937:N69915
- R-MAMMA1002650//ESTs//1.6e-102:547:94//Hs.57841:W63776
- 50 R-MAMMA1002655
- R-MAMMA1002662//Homo sapiens KIAA0426 mRNA, complete cds//2.2e-46:462:
55 75//Hs.97476:AB007886
- R-MAMMA1002665//Human mRNA for KIAA0118 gene, partial cds//9.1e-51:376:

EP 1 074 617 A2

82//Hs.154326:D42087

5 R-MAMMA1002671//ESTs, Weakly similar to coded for by C. elegans cDNA yk52e10.5
[C.elegans]//5.3e-108:544:96//Hs.16464:W19606

R-MAMMA1002673//EST//3.3e-35:169:79//Hs.140046:AA668213

10 R-MAMMA1002684//Homo sapiens mRNA for KIAA0214 protein, complete cds//4.6e-109:544:
96//Hs.3363:D86987

R-MAMMA1002685//EST//1.9e-31:223:86//Hs.112540:AA601385

15

R-MAMMA1002698//ESTs//5.9e-43:292:85//Hs.144660:AA652675

R-MAMMA1002699//ESTs//3.2e-25:134:100//Hs.126049:F22510

20

R-MAMMA1002701//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!!
[H.sapiens]//6.9e-70:353:96//Hs.138404:R70986

25

R-MAMMA1002708//ESTs//2.1e-76:413:94//Hs.57932:W69234

R-MAMMA1002711//ESTs//1.9e-44:236:96//Hs.138575:H67858

30

R-MAMMA1002721//Homo sapiens DEC-205 mRNA, complete cds//2.7e-43:273:
89//Hs.153563:AF011333

R-MAMMA1002727//ESTs//2.9e-84:395:10011Hs.162826:AA679571

35

R-MAMMA1002728//Small inducible cytokine A5 (RANTES)//3.4e-42:266:88//Hs.155464:
AF088219

40

R-MAMMA1002744//ESTs//4.2e-18:473:63//Hs.42826:AA846757

R-MAMMA1002746//ESTs//1.8e-100:473:99//Hs.117558:AA779907

45

R-MAMMA1002748//Human melanoma antigen recognized by T-cells (MART-1) mRNA//5.8e-
40:330:80//Hs.154069:U06452

50

R-MAMMA1002754//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!!
[H.sapiens]//4.5e-40:369:77//Hs.105292:AA504776

R-MAMMA1002758

55

R-MAMMA1002764//ESTs//4.2e-103:486:99//Hs.159909:AI393281

R-MAMMA1002765//ESTs//1.6e-37:338:76//Hs.37573:H59651

EP 1 074 617 A2

R-MAMMA1002769//ESTs//0.72:409:57//Hs.141376:AI301272

5 R-MAMMA1002780//ESTs//1.6e-52:292:92//Hs.135985:AA342750

R-MAMMA1002782//ESTs//1.0e-31:157:80//Hs.159510:AA297145

10 R-MAMMA1002796//ESTs//3.8e-49:284:92//Hs.156479:AA513812

R-MAMMA1002807//Archain//1.4e-39:315:80//Hs.33642:X81198

15 R-MAMMA1002820//ESTs//5.0e-14:192:74//Hs.134635:AA226260

R-MAMMA1002830//EST//4.0e-50:255:97//Hs.160674:AI248319

20 R-MAMMA1002833//EST//1.2e-48:306:88//Hs.149580:AI281881

R-MAMMA1002835

25 R-MAMMA1002838//EST//2.7e-12:161:76//Hs.163252:AA828723

R-MAMMA1002842//ESTs//1.7e-41:366:78//Hs.141899:N22395

30 R-MAMMA1002843//Von Hippel-Lindau syndrome//8.8e-38:258:79//Hs.78160:AF010238

R-MAMMA1002844//ESTs//3.5e-51:250:99//Hs.151445:AA351081

35 R-MAMMA1002858//H.sapiens ERF-1 mRNA 3' end//9.0e-101:361:91//Hs.85155:X79067

R-MAMMA1002868//ESTs//2.1e-38:301:80//Hs.132717:AA171941

40 R-MAMMA1002871//EST//6.0e-88:413:99//Hs.149057:AI243592

R-MAMMA1002880//ESTs//6.5e-100:506:96//Hs.163533:N52194

45 R-MAMMA1002881//EST//1.1e-40:335:80//Hs.160895:AI365871

R-MAMMA1002886//Small inducible cytokine A5 (RANTES)//3.4e-36:228:88//Hs.155464:AF088219

50 R-MAMMA1002887//ESTs//4.7e-87:409:99//Hs.152155:AA424811

R-MAMMA1002890//ESTs, Weakly similar to coded for by C. elegans cDNA CEESB82F [C.elegans]//4.2e-92:438:99//Hs.155871:AA533783

55 R-MAMMA1002892//Homo sapiens EVI5 homolog mRNA, complete cds//4.9e-62:322:

EP 1 074 617 A2

80//Hs.26929:AF008915

R-MAMMA1002895//ESTs//2.7e-32:330:76//Hs.139132:AA211087

5

R-MAMMA1002908//Calcium modulating ligand//4.6e-48:313:86//Hs.13572:AF068179

R-MAMMA1002909//Human mRNA for KIAA0180 gene, partial cds//3.4e-09:132:76//Hs.90981:
D80002

10

R-MAMMA1002930//EST//4.9e-44:260:91//Hs.149580:AI281881

15

R-MAMMA1002938

R-MAMMA1002941//Human Line-1 repeat mRNA with 2 open reading frames//1.1e-83:556:
85//Hs.23094:M19503

20

R-MAMMA1002947//ESTs//7.0e-22:222:80//Hs.103395:T79243

R-MAMMA1002964//Human mRNA for KIAA0355 gene, complete cds//1.6e-44:427:
77//Hs.153014:AB002353

25

R-MAMMA1002970//Thromboxane A2 receptor//7.9e-48:300:84//Hs.89887:D38081

30

R-MAMMA1002972//ESTs, Weakly similar to KIAA0371 [H.sapiens]//9.6e-104:525:
95//Hs.94396:AA399630

R-MAMMA1002973//ESTs//4.4e-40:257:87//Hs.163580:H15835

35

R-MAMMA1002982//ESTs//2.5e-28:115:87//Hs.141694:W15279

R-MAMMA1002987//Homo sapiens DNA fragmentation factor 40 kDa subunit (DFF40) mRNA,
complete cds//2.1e-41:402:67//Hs.133089:AF064019

40

R-MAMMA1003003//Calcium modulating ligand//1.9e-45:380:79//Hs.13572:AF068179

45

R-MAMMA1003004//ESTs//3.0e-07:378:60//Hs.61885:AI127857

R-MAMMA1003007//ESTs//2.0e-47:404:80//Hs.146314:R99617

50

R-MAMMA1003011//ESTs, Highly similar to HISTONE MACRO-H2A.1 [Rattus
norvegicus]//1.4e-53:320:90//Hs.92023:AI022248

R-MAMMA1003015//ESTs//1.5e-42:363:79//Hs.155184:AA573189

55

R-MAMMA1003019//ESTs//4.8e-10:232:66//Hs.111341:AA251268

EP 1 074 617 A2

R-MAMMA1003026//ESTs//2.3e-83:394:99//Hs.24668:AA897315

5 R-MAMMA1003031//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!!
[H.sapiens]//3.5e-27:257:77//Hs.96337:AA225358

R-MAMMA1003035//ESTs//1.3e-94:481:94//Hs.92411:AA603321

10 R-MAMMA1003039//EST//0.56:210:61//Hs.162248:AA552160

R-MAMMA1003040//ESTs//2.1e-17:261:70//Hs.46980:W55940

15 R-MAMMA1003044//EST//2.4e-18:124:91//Hs.130321:AI002941

R-MAMMA1003047//ESTs//1.0e-20:209:78//Hs.15916:H12862

20 R-MAMMA1003049//14-3-3 PROTEIN SIGMA//0.94:184:60//Hs.2510:X57348

R-MAMMA1003055//EST//1.0e-49:281:92//Hs.149580:AI281881

25 R-MAMMA1003056//ESTs//0.99:107:66//Hs.30348:AI038559

R-MAMMA1003057//ESTs, Highly similar to hypothetical protein MD6 [M.musculus]//1.1e-102:
30 545:93//Hs.13755:AA878911

R-MAMMA1003066//H.sapiens mRNA for urea transporter//8.1e-45:322:83//Hs.66710:X96969

35 R-MAMMA1003089//ESTS, Weakly similar to !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!
[H.sapiens]//1.4e-34:421:70//Hs.161959:AA493652

R-MAMMA1003099//ESTs//1.1e-43:379:79//Hs.37573:H59651

40 R-MAMMA1003104//ESTs//2.1e-97:498:96//Hs.9299:T51283

R-MAMMA1003113//EST//3.7e-29:457:70//Hs.123616:AA815366

45 R-MAMMA1003127//ESTs//2.6e-41:283:86//Hs.146811:AA410788

R-MAMMA1003135//ESTs//7.2e-101:504:97//Hs.87729:AA863125

50 R-MAMMA1003140//ESTs//4.3e-44:200:89//Hs.152093:AI149537

R-MAMMA1003146//Wingless-type MMTV integration site 5A, human homolog//0.020:413:
55 61//Hs.152213:L20861

R-nnnnnnnnnnnnn

EP 1 074 617 A2

R-MAMMA1003166//ESTs, Moderately similar to PEANUT PROTEIN [Drosophila melanogaster]/2.0e-87:524:89//Hs.6884:W30736

5 R-NT2RM2002580//Homo sapiens clone 24781 mRNA sequence//1.6e-111:587:94//Hs.108112:AF070640

10 R-NT2RM4000024//ESTs//2.9e-98:523:94//Hs.26641:R59312

R-NT2RM4000027

15 R-NT2RM4000030//ESTs//1.6e-96:482:96//Hs.90625:T03663

R-NT2RM4000046//ESTs//1.6e-91:461:97//Hs.151237:AI86169

20 R-NT2RM4000061//ESTs//4.3e-31:167:97//Hs.110821:Z78379

R-NT2RM4000085//Homo sapiens clone 24700 unknown mRNA, partial cds/4.0e-113:549:97//Hs.95665:AF070639

25 R-NT2RM4000086//EST//2.7e-17:212:76//Hs.137041:AA877817

R-NT2RM4000104//ESTs//3.0e-85:452:94//Hs.101750:H19708

30 R-NT2RM4000139//EST//3.3e-05:156:66//Hs.133228:AI052312

R-NT2RM4000155//ESTs, Moderately similar to THREONYL-TRNA SYNTHETASE, CYTOPLASMIC [H.sapiens]/1.9e-99:536:92//Hs.127810:AI246301

35

R-NT2RM4000156//EST//0.89:169:62//Hs.162967:AA676397

40 R-nnnnnnnnnnnn//ESTs//1.0:214:61//Hs.119370:W52962

R-NT2RM4000169//ESTs//5.4e-82:440:93//Hs.159379:AI382160

45 R-NT2RM4000191//ESTs, Weakly similar to P68 PROTEIN [H.sapiens]/4.1e-99:542:93//Hs.6366:AA614113

R-NT2RM4000197//ESTs//5.4e-113:567:96//Hs.22975:AA156723

50 R-NT2RM400019911ESTs//10.020:95:6511Hs.146203:AI254528

R-NT2RM4000200//ESTs//1.4e-100:488:97//Hs.126538:AA931876

55 R-NT2RM4000202//Small inducible cytokine A5 (RANTES)/4.3e-37:330:77//Hs.155464:AF088219

EP 1 074 617 A2

R-NT2RM4000210//Homo sapiens mRNA for KIAA0712 protein, complete cds//1.7e-103:546:94//Hs.111138:AB018255

5 R-NT2RM4000215

R-nnnnnnnnnnn//ESTs//7.1e-92:457:97//Hs.162074:AA477760

10 R-NT2RM4000233//Fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor)//0.00020:174:66//Hs.235:X51602

R-NT2RM4000244//ESTs//6.6e-61:320:95//Hs.108646:AA613031

15

R-NT2RM4000251//Homo sapiens mRNA for TRIP6 (thyroid receptor interacting protein) //0.63:219:62//Hs.119498:AF000974

20 R-NT2RM4000265//ESTs//8.8e-105:489:99//Hs.131001:AI378742

R-NT2RM4000290//ESTs//4.0e-87:435:96//Hs.162592:AA594128

25 R-NT2RM4000324//ESTs//2.2e-80:413:96//Hs.12313:R43673

R-NT2RM4000327//Small inducible cytokine A5 (RANTES)//3.2e-45:286:87//Hs.155464:AF088219

30

R-NT2RM4000344//Clathrin, light polypeptide (Lcb)//8.6e-60:452:84//Hs.73919:X81637

35 R-NT2RM4000349//ESTs, Weakly similar to KIAA0005 [H.sapiens]//2.5e-117:579:96//Hs.5216:AA534881

R-NT2RM4000354//ESTs//2.1e-85:406:99//Hs.126774:AI224479

40

R-NT2RM4000356//ESTs//7.9e-109:548:96//Hs.44278:AA418063

R-NT2RM4000366//Homo sapiens mRNA for KIAA0642 protein, partial cds//2.8e-113:577:95//Hs.8152:AB014542

45

R-NT2RM4000368//ESTs//2.2e-61:310:97//Hs.143611:M78140

50 R-NT2RM4000386//ESTs, Weakly similar to tenascin-like protein [D.melanogaster]//1.0e-93:521:92//Hs.41793:AA775879

R-NT2RM4000395//ESTs, Highly similar to HYPOTHETICAL 52.9 KD PROTEIN IN SAP155-YMR31 INTERGENIC REGION [Saccharomyces cerevisiae]//1.9e-99:524:94//Hs.5249:U55977

55

R-NT2RM4000414//EST//2.7e-06:196:64//Hs.136648:AA688285

R-NT2RM4000421//ESTs, Weakly similar to No definition line found [C.elegans]//5.4e-75:470:90//Hs.69235:AA192359

R-NT2RM4000433//ESTs//2.7e-100:479:98//Hs.24553:AI150687

R-NT2RM4000457//ESTs//5.1e-107.535.95//Hs.7579;AA775865

R-NT2RM4000486//ESTs, Moderately similar to unnamed protein product [H.sapiens]//2.2e-102:493:97//Hs.111279:W84558

R-NT2RM4000496

25

R-NT2RM4000514//ESTS//1.7e-112:552:96//Hs.6686:AA205496

R-NT2RM4000520//ESTs//2.7e-55:266:100//Hs.99838:AA204731

R-NT2RM4000531//ESTs//2.0e-88:502:91//Hs.13110:T67461

R-NT2RM4000532//ESTs//0.47:290:58//Hs.148753:T91777

R-NT2RM4000534//EST//0.00025:303:60//Hs.162809:AA632198

R-NT2RM4000585//EST//0.28:63:77//Hs.150024:AI291981

R-NT2RM4000590//ESTs//5.8e-65:320:98//Hs.116017:AA613437

R-NT2RM4000603//ESTs//4.6e-68:356:96//Hs.48855:AA134589

55 R-oooooooooooo//ESTs//1.5e-89:431:97//Hs.26117:W16697

R-NT2RM4000616//ESTs, Highly similar to ACETYL-COENZYME A SYNTHETASE

EP 1 074 617 A2

[Escherichia coli]/1.4e-102:519:96//Hs.14779:N64822

R-NT2RM4000674//ESTs//5.1e-78:398:97//Hs.8268:N70144

5

R-NT2RM4000689//ESTs, Weakly similar to T01G9.4 [C.elegans]/2.9e-115:550:98//Hs.11820:AA205531

10

R-NT2RM4000698//ESTs//2.0e-17:130:87//Hs.86420:AA927510

R-nnnnnnnnnnnnn

15

R-NT2RM4000712//EST//0.99:103:65//Hs.114039:AA701128

R-NT2RM4000717//ESTs, Highly similar to BONE MORPHOGENETIC PROTEIN 1 PRECURSOR [Mus musculus]/2.2e-103:519:95//Hs.6823:W18181

20

R-NT2RM4000733//ESTs//8.7e-88:429:98//Hs.72185:AA465311

25

R-NT2RM4000734//Homo sapiens mRNA for KIAA0760 protein, partial cds//3.6e-105:536:95//Hs.137168:AB018303

R-NT2RM40007.41//ESTs//0.99:266:58//Hs.142718:AA034046

30

R-NT2RM4000751//ESTs//1.6e-20:351:66//Hs.43145:AA776988

R-NT2RM4000764

35

R-NT2RM4000778//EST//0.066:254:61//Hs.148232:AA904174

R-NT2RM4000779//Homo sapiens mRNA for KIAA0451 protein, complete cds//9.3e-106:546:94//Hs.18586:AB007920

40

R-NT2RM4000787//Human melanoma antigen recognized by T-cells (MART-1) mRNA//6.5e-40:424:73//Hs.154069:U06452

45

R-NT2RM4000790//EST//9.0e-48:259:94//Hs.159694:AI417008

R-NT2RM4000795//Human mRNA for KIAA0067 gene, complete cds//1.0:203:63//Hs.20991:D31891

50

R-NT2RM4000796//ESTs//7.0e-106:506:98//Hs.43559:AI003520

55

R-NT2RM4000798//Human polymorphic epithelial mucin core protein mRNA, 3' end//2.5e-28:158:96//Hs.118249:M21868

R-NT2RM4000813

EP 1 074 617 A2

R-NT2RM4000820//ESTs, Weakly similar to hypothetical protein [H.sapiens]//1.3e-109:539:97//Hs.99636:AI219667

5 R-NT2RM4000833//ESTs, Moderately similar to ZK863.3 [C.elegans]//4.0e-112:448:99//Hs.20223:AA482031

10 R-NT2RM4000848//ESTs//8.1e-97:476:97//Hs.16036:AA883864

R-NT2RM4000852//ESTs//6.4e-94:467:97//Hs.11556:AI309597

15 R-NT2RM4000855//ESTs//2.9e-95:544:90//Hs.106525:AI283343

R-nnnnnnnnnnnnn

20 R-NT2RM4000895//ESTs, Moderately similar to !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!! [H.sapiens]//9.3e-96:450:99//Hs.142076:AA604514

R-NT2RM4000950//ESTs//2.6e-91:438:98//Hs.43827:AA455262

25 R-NT2RM4000971//EST//2.9e-96:461:99//Hs.139709:AA227887

R-NT2RM4000979//EST//1.6e-67:329:98//Hs.96927:AA349647

30 R-NT2RM4000996//ESTs, Weakly similar to ZINC FINGER PROTEIN 91 [H.sapiens]//1.7e-82:414:96//Hs.115342:AA650126

35 R-NT2RM4001002//Homo sapiens mRNA for KIAA0729 protein, partial cds//3.8e-114:545:97//Hs.19542:AB018272

R-NT2RM4001016//Homo sapiens mRNA for KIAA0639 protein, partial cds//2.5e-114:556:97//Hs.15711:AB014539

40 R-NT2RM4001032//ESTs//7.8e-17:132:84//Hs.138720:N53352

45 R-NT2RM4001047//Homo sapiens UKLF mRNA for ubiquitous Kruppel like factor, complete cds//0.42:133:67//Hs.32170:AB015132

R-NT2RM4001054//ESTs//1.7e-84:404:99//Hs.116407:AA815300

50 R-nnnnnnnnnnn//ESTs//3.4e-91:439:99//Hs.103177:W72798

R-NT2RM4001092//ESTs//1.4e-86:517:8911Hs.132969:Z78324

55 R-NT2RM4001116//EST//5.2e-57:275:100//Hs.131115:AI016962

EP 1 074 617 A2

R-NT2RM4001140//ESTs//5.5e-96:461:98//Hs.86965:AA252276

5 R-NT2RM4001151//ESTs//0.40:263:58//Hs.113189:R08311

R-NT2RM4001155//ESTs//8.3e-105:544:94//Hs.29647:W60848

10 R-NT2RM4001160//EST//7.6e-25:380:68//Hs.147405:AI209085

R-NT2RM4001187//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!!
[H.sapiens]//9.2e-43:273:91//Hs.109005:N31174

15 R-NT2RM4001191//Cytochrome P450, 51 (lanosterol 14-alpha-demethylase)//3.1e-32:274:
70//Hs.2379:U23942

20 R-NT2RM4001200//ESTs//4.5e-102:494:97//Hs.31844:N32849

R-NT2RM4001203

25 R-NT2RM4001204//ESTs//9.8e-88:468:93//Hs.4990:T65307

R-NT2RM4001217//ESTs//1.2e-75:396:94//Hs.25042:R72410

30 R-NT2RM4001256//ESTs//1.0:157:62//Hs.65377:AA994677

R-NT2RM4001258//ESTs//9.6e-41:260:88//Hs.27633:N76184

35 R-NT2RM4001309

R-NT2RM4001313//EST//0.0022:150:66//Hs.161573:W84857

40 R-NT2RM4001316//ESTs//3.5e-26:139:99//Hs.23100:AI128899

R-NT2RM4001320//ESTs//1.6e-97:308:99//Hs.112024:AI042352

45 R-NT2RM4001340//ESTs, Highly similar to UTR4 PROTEIN [Saccharomyces
cerevisiae]//1.9e-105:522:97//Hs.18442:AI129307

R-NT2RM4001344//EST//1.1e-90:436:99//Hs.95900:AA160339

50 R-NT2RM4001347//EST//0.17:186:61//Hs.16751:T90476

R-NT2RM4001371//EST//0.0069:270:62//Hs.99239:AA450211

55 R-NT2RM4001382

R-NT2RM4001384//ESTs//9.6e-91:445:98//Hs.55000:AA805507

EP 1 074 617 A2

R-NT2RM4001410//EST//0.13:50:82//Hs.157675:AI358790

5 R-NT2RM4001411//ESTs, Weakly similar to lymphocyte specific adaptor protein Lnk
[M.musculus]//4.0e-102:539:94//Hs.15744:AI055859

R-NT2RM4001412

10

R-NT2RM4001414//ESTs//6.5e-35:226:88//Hs.121727:AA775895

R-NT2RM4001437//EST//0.017:169:67//Hs.13207:F10054

15

R-NT2RM4001444//ESTs, Weakly similar to ISOLEUCYL-TRNA SYNTHETASE,
MITOCHONDRIAL [S.cerevisiae]//7.4e-108:544:94//Hs.7558:AA526812

20

R-NT2RM4001454//ESTs//4.7e-108:517:98//Hs.32295:N32277

R-NT2RM4001455//EST//9.6e-81:395:97//Hs.127978:AA969739

25

R-NT2RM4001483//Human mRNA for KIAA0033 gene, partial cds//1.8e-58:324:85//Hs.22271:
D26067

30

R-NT2RM4001489//Homo sapiens mRNA for KIAA0685 protein, complete cds//7.0e-104:547:
93//Hs.153121:AB014585

R-NT2RM4001519//Histatin 1//0.53:340:59//Hs.119101:M26664

35

R-NT2RM40015227/Small inducible cytokine A5 (RANTES)//8.4e-55:306:80//Hs.155464:
AF088219

40

R-NT2RM40015577/ESTs, Weakly similar to F11A10.4 [C.elegans]//6.1e-21:165:
83//Hs.29134:H43072

R-NT2RM4001565//ESTs//2.0e-103:483:99//Hs.121273:AA758027

45

R-NT2RM4001566//Human DNA sequence from clone 1409 on chromosome Xp11.1-11.4.
Contains a Inter-Alpha-Trypsin Inhibitor Heavy Chain LIKE gene, a alternatively spliced
Melanoma-Associated Antigen MAGE LIKE gene and a 6-Phosphofructo-2-kinase (Fructose-2,
6-bisphosphatase) LIKE pseudogene. Contains ESTs, STSs and genomic marker
50 DXS8032//2.7e-43:446:72//Hs.4943:Z98046

R-NT2RM4001569//ESTs//3.6e-37:186:100//Hs.86959:AA888009

55

R-NT2RM4001582//ESTs//1.2e-96:459:98//Hs.114432:N52946

R-nnnnnnnnnnnnn

EP 1 074 617 A2

R-NT2RM4001594//ESTs//1.6e-83:404:98//Hs.134740:AA282171

5 R-NT2RM4001597//ESTs//6.9e-111:558:96//Hs.11408:AI358871

R-NT2RM4001605//Homo sapiens mRNA for KIAA0791 protein, complete cds//2.1e-112:565:95//Hs.23255:AB018334

10 R-NT2RM4001611//EST//5.9e-74:353:99//Hs.125318:AA837079

R-NT2RM4001629//ESTs//6.1e-95:453:99//Hs.115765:AA485957

15 R-NT2RM4001650

R-NT2RM4001662

20 R-NT2RM4001666//Homo sapiens mRNA for KIAA0469 protein, complete cds//3.6e-36:230:70//Hs.7764:AB007938

25 R-NT2RM4001682//EST//4.3e-68:393:90//Hs.157362:AI367496

R-NT2RM4001710//ESTs//4.3e-48:235:99//Hs.7299:AA203440

30 R-NT2RM4001714//ESTs//0.0014:568:58//Hs.50458:AA868686

R-nnnnnnnnnnn//ESTs//6.5e-104:487:99//Hs.153581:AA630465

35 R-NT2RM4001731//ESTs, Weakly similar to No definition line found [C.elegans]//3.1e-108:563:94//Hs.18510:AA522887

R-NT2RM4001741//T3 receptor-associating cofactor-1 [human, fetal liver, mRNA, 2930 nt]//0.083:124:68//Hs.120980:S83390

40 R-NT2RM4001746//ESTs//6.1e-90:420:100//Hs.139003:AA948200

45 R-NT2RM4001754//Human kpni repeat mrna (cdna clone pcd-kpni-4), 3' end//5.4e-59:504:78//Hs.139107:K00629

R-NT2RM4001758//ESTs//8.9e-27:140:100//Hs.149973:AI290740

50 R-NT2RM4001776//Homo sapiens mRNA for KIAA0727 protein, partial cds//6.4e-24:236:80//Hs.39871:AB018270

55 R-NT2RM4001783//ESTs//9.9e-30:156:99//Hs.115260:AA314956

R-NT2RM4001810//ESTs//1.3e-65:346:95//Hs.131915:W22567

EP 1 074 617 A2

- R-NT2RM4001813//ESTs//5.7e-102:473:100//Hs.87574:AI089920
- 5 R-NT2RM4001823//ESTs//3.8e-62:324:95//Hs.124109:AA888839
- R-NT2RM4001828//ESTs//1.3e-119:563:98//Hs.102397:AA706551
- 10 R-NT2RM4001836//ESTs//5.5e-16:92:100//Hs.26996:AA551070
- R-NT2RM4001841//ESTs//1.3e-99:540:94//Hs.42322:AA082619
- 15 R-NT2RM4001842//ESTs, Weakly similar to !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!
[H.sapiens]//4.1e-10:274:62//Hs.161959:AA493652
- R-NT2RM4001856//ESTs, Weakly similar to contains similarity to ATP/GTP-binding site motif
20 [C.elegans]//3.0e-43:292:86//Hs.14202:N46000
- R-nnnnnnnnnnnn//ESTs//6.2e-104:495:98//Hs.118686:AA682280
- 25 R-NT2RM40018657/Homo sapiens mRNA for atopy related autoantigen CALC//1.6e-120:
592:97//Hs.61628:Y17711
- R-NT2RM4001876//ESTs//2.9e-98:532:92//Hs.100734:AA158252
- 30 R-NT2RM4001880//ESTs//2.5e-29:224:86//Hs.6193:AA045149
- R-NT2RM4001905//ESTs//5.6e-109:565:95//Hs.9536:AA114178
- 35 R-NT2RM4001922//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!!
[H.sapiens]//1.2e-105:535:95//Hs.30991:AA994438
- 40 R-NT2RM4001930//ESTs//4.1-84:425:96//Hs.80042:N63143
- R-NT2RM4001938//EST//0.00040:241:60//Hs.147235:AI205893
- 45 R-NT2RM4001940//Homo sapiens timeless homolog mRNA, complete cds//2.0e-110:556:
95//Hs.118631:AF098162
- R-NT2RM4001953//ESTs//5.3e-65:338:96//Hs.33718:AA453268
- 50 R-NT2RM4001965//ESTs, Weakly similar to T14B4.2 gene product [C.elegans]//5.7e-62:326:
95//Hs.3385:N25917
- 55 R-nnnnnnnnnnnn//ESTs, Weakly similar to IP63 protein [R.norvegicus]//1.9e-21:121:
98//Hs.8772:AA521097

EP 1 074 617 A2

R-NT2RM4001979//ESTs//1.4e-96:465:98//Hs.157103:W60265

5 R-NT2RM4001984

R-NT2RM4001987

10 R-NT2RM4002013//EST//2.2e-14:110:90//Hs.160835:AI345528

R-NT2RM4002018

15 R-NT2RM4002034//Human mRNA for KIAA0118 gene, partial cds//9.4e-46:293:87//Hs.154326:D42087

R-NT2RM4002044//ESTs//2.8e-107:537:96//Hs.24078:W44435

20 R-NT2RM4002054//ESTs//3.7e-88:482:94//Hs.4243:T78226

R-NT2RM4002062//ESTs//1.4e-55:377:85//Hs.152592:AA587887

25 R-NT2RM4002063//Calcium modulating ligand//1.8e-43:385:78//Hs.13572:AF068179

R-nnnnnnnnnnn//Homo sapiens OPA-containing protein mRNA, complete cds//5.5e-42:554:68//Hs.85313:AF071309

30 R-NT2RM4002067//Human kpni repeat mrna (cdna clone pcd-kpni-4), 3' end//2.3e-43:468:73//Hs.139107:K00629

35 R-NT2RM4002073//ESTs, Weakly similar to very-long-chain acyl-CoA synthetase [H.sapiens]//6.8e-57:290:96//Hs.109274:AA193416

R-NT2RM4002075//ESTs//0.078:267:61//Hs.163563:AA641655

40 R-NT2RM4002093//ESTs//1.2e-64:316:99//Hs.34956:AI052528

R-nnnnnnnnnnn//ESTs//1.0:95:69//Hs.25897:W65409

45 R-NT2RM4002128//Homo sapiens mRNA for BCL9 gene//0.51:258:60//Hs.122607:Y13620

R-NT2RM4002140//ESTs//5.5e-46:187:94//Hs.8737:W22712

50 R-NT2RM4002145//ESTs//4.6e-70:374:94//Hs.141082:H18987

R-NT2RM4002146//ESTs//1.9e-93:43 9:99//Hs.119295:AA442090

55 R-NT2RM4002161//Homo sapiens laforin (EPM2A) mRNA, partial cds//1.5e-111:560:96//Hs.22464:AF084535

EP 1 074 617 A2

R-NT2RM4002174//Homo sapiens LIM protein mRNA, complete cds//3.2e-46:552:
 72//Hs.154103:AF061258
 5
 R-NT2RM4002189//ESTs//9.6e-75:352:100//Hs.98350:H15400
 R-NT2RM4002194//EST//0.22:68:72//Hs.149104:AI244343
 10
 R-NT2RM4002205//EST//0.00028:103:72//Hs.130032:AA897678
 R-NT2RM4002213//ESTs//3.3e-15:160:78//Hs.63304:W22079
 15
 R-NT2RM4002226//ESTs, Highly similar to GTPASE ACTIVATING PROTEIN ROTUND
 [Drosophila melanogaster]//5.1e-112:569:95//Hs.23900:U82984
 20
 R-NT2RM4002251//ESTs, Weakly similar to similar to alpha-1,3-mannosyl-glycoprotein beta-
 1, 2-N-acetylglucosaminyltransferase [C.elegans]//1.1e-100:544:93//Hs.27567:W72190
 R-NT2RM4002256//Small inducible cytokine A5 (RANTES)//1.0e-44:341:81//Hs.155464:
 25 AF088219
 R-NT2RM4002266//ESTs//2.6e-100:539:93//Hs.57976:AA535864
 30
 R-NT2RM4002278//ESTs//1.8e-112:569:95//Hs.87281:AA128263
 R-NT2RM4002281//ESTs//4.9e-20:187:80//Hs.141203:H52638
 35
 R-NT2RM4002287//ESTs//7.9e-84:388:94//Hs.33977:N52461
 R-NT2RM4002294
 40
 R-NT2RM4002301//ESTs//4.5e-111:556:96//Hs.85916:AA194164
 R-NT2RM4002323//ESTs//4.5e-102:498:97//Hs.85782:AA191498
 45
 R-nnnnnnnnnnnn//ESTs//5.0e-59:283:100//Hs.125048:AA682913
 R-NT2RM4002344//V-akt murine thymoma viral oncogene homolog 2//0.29:153:
 50 66//Hs.155129:M77198
 R-NT2RM4002373//Homo sapiens mRNA for KIAA0649 protein, complete cds//2.8e-122:593:
 97//Hs.26163:AB014549
 55
 R-NT2RM4002374//ESTs//3.3e-40:505:70//Hs.95115:AA206594
 R-NT2RM4002383//ESTs//2.7e-93:455:97//Hs.134278:AA648884

EP 1 074 617 A2

- R-NT2RM4002390//ESTs//3.3e-93:481:95//Hs.48764:AA613328
- 5 R-NT2RM4002409//ESTs, Weakly similar to coded for by C. elegans cDNA yk52e10.5
[C.elegans]//1.3e-97:473:98//Hs.16464:W19606
- R-NT2RM4002438//ESTs//0.74:162:61//Hs.65377:AA994677
- 10 R-NT2RM4002446
- R-NT2RM4002452//EST//1.0:164:60//Hs.116619:AA668142
- 15 R-NT2RM4002457
- R-NT2RM4002460//ESTs//3.0e-74:385:96//Hs.6933:R07890
- 20 R-NT2RM4002479//Homo sapiens RNA helicase-related protein mRNA, complete cds//1.6e-
103:507:97//Hs.8765:AF083255
- 25 R-NT2RM4002482//Homo sapiens mRNA for KIAA0691 protein, complete cds//2.3e-32:172:
98//Hs.94781:AB014591
- R-NT2RM4002493//ESTs//6.4e-73:366:97//Hs.157114:T58884
- 30 R-NT2RM4002499//ESTs//3.5e-61:307:97//Hs.117737:AI088029
- R-NT2RM4002504//ESTs//2.1e-55:306:94//Hs.10949:AA464464
- 35 R-nnnnnnnnnnnn//ESTs, Weakly similar to peroxisome targeting signal 2 receptor
[H.sapiens]//1.4e-73:360:91//Hs.31030:H50467
- 40 R-NT2RM4002532//ESTs//1.3e-21:191:78//Hs.146811:AA410788
- R-NT2RM4002534//ESTs//1.8e-99:512:95//Hs.13526:AI417057
- 45 R-NT2RM4002567//ESTs//7.6e-41:272:87//Hs.7114:R24312
- R-NT2RM4002571//ESTs, Highly similar to POLYPEPTIDE N-
ACETYL GALACTOSAMINYLTRANSFERASE [Bos taurus]//2.3e-89:435:97//Hs.15830:
50 AA165698
- R-NT2RM4002593//ESTs//2.3e-109:552:96//Hs.17424:AA190569
- 55 R-NT2RM4002623//ESTs, Weakly similar to ASPARTYL-TRNA SYNTHETASE [Thermus
aquaticus thermophilus]//9.6e-28:194:87//Hs.59346:AI126802

EP 1 074 617 A2

R-NT2RP2000001//ESTs//2.6e-80:386:99//Hs.105061:N45096

R-NT2RP2000006//Thromboxane A2 receptor//7.2e-37:253:84//Hs.89887:D38081

5

R-NT2RP2000008//Zinc finger protein 37a (KOX 21)//5.2e-25:366:67//Hs.54488:X69115

R-NT2RP2000027//ESTs//9.5e-74:377:96//Hs.96557:AA286713

10

R-NT2RP2000040//Homo sapiens mRNA for KIAA0747 protein, partial cds//2.7e-42:223:96//Hs.8309:AB018290

15

R-NT2RP2000045//Homo sapiens tumorous imaginal discs protein Tid56 homolog (TID1) mRNA, complete cds//4.3e-64:309:98//Hs.6216:AF061749

R-NT2RP2000054//EST//1.2e-71:375:96//Hs.98835:AA435798

20

R-NT2RP2000056//EST//2.8e-28:342:69//Hs.135526:AI094910

25

R-NT2RP2000067//ESTs, Weakly similar to tenascin-like protein [D.melanogaster]//2.3e-35:199:94//Hs.41793:AA775879

R-NT2RP2000070//ESTs, Weakly similar to proto-cadherin 3 [R.norvegicus]//1.4e-78:383:98//Hs.58254:W72881

30

R-NT2RP2000076//EST//0.0014:227:63//Hs.136761:AA738097

35

R-NT2RP2000077//Homo sapiens growth arrest specific 11 (GAS11) mRNA, complete cds//1.1e-78:379:97//Hs.54877:AF050078

R-NT2RP2000079//Homo sapiens RET finger protein-like 1 antisense transcript, partial//2.9e-21:232:75//Hs.102576:AJ010230

40

R-NT2RP2000088//Homo sapiens mRNA for KIAA0795 protein, partial cds//1.8e-75:378:96//Hs.22926:AB018338

45

R-NT2RP2000091//Carcinoembryonic antigen gene family member 6//0.030:236:63//Hs.41:D90064

R-NT2RP2000097//ESTs//4.2e-15:92:97//Hs.7432:AA281757

50

R-NT2RP2000098//ESTs//9.0e-53:279:94//Hs.87807:AA813827

R-NT2RP2000108//EST//1.5e-75:378:96//Hs.162105:AA524419

55

R-NT2RP2000114//Homo sapiens mRNA for GM3 synthase, complete cds//5.8e-76:386:95//Hs.17706:AB018356

EP 1 074 617 A2

- 5 R-NT2RP2000120//ESTs, Weakly similar to HYPOTHETICAL 68.7 KD PROTEIN ZK757.1 IN CHROMOSOME III [C.elegans]/1.9e-19:153:86//Hs.5268:W22670
- R-nnnnnnnnnnn//ESTs//1.0e-55:293:95//Hs.14570:AI422099
- 10 R-nnnnnnnnnnnnn//ESTs//0.24:354:59//Hs.157564:AI356513
- R-NT2RP2000147//ESTs, Highly similar to CLATHRIN COAT ASSEMBLY PROTEIN AP47 [Mus musculus]/3.0e-89:457:95//Hs.3832:AI208601
- 15 R-NT2RP2000153//EST//0.0039:93:68//Hs.140386:AA773548
- R-NT2RP2000157//ESTs//1.1e-53:322:91//Hs.6877:AA040820
- 20 R-NT2RP2000161//EST5//1.6e-99:492:97//Hs.21738:AI188190
- R-NT2RP2000175//ESTs//1.4e-98:489:96//Hs.4849:AI143741
- 25 R-NT2RP2000183//ESTs//9.0e-72:358:96//Hs.4856:N51373
- R-NT2RP2000195//ESTs//3.9e-92:439:98//Hs.145091:AA814510
- 30 R-NT2RP2000205//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]/1.4e-80:415:95//Hs.11807:T86897
- R-NT2RP2000224//RNA polymerase II, polypeptide C (33kD)/1.1e-57:306:94//Hs.79402:AC004382
- 35 R-NT2RP2000232
- 40 R-NT2RP2000233//ESTs//1.1e-08:63:96//Hs.124861:AI090683
- R-NT2RP2000239//ESTs//5.3e-87:427:96//Hs.86211:AA604379
- 45 R-NT2RP2000248//ESTs, Weakly similar to O-linked GlcNAc transferase [H.sapiens]/1.3e-95:454:99//Hs.102057:AA649005
- R-NT2RP2000257//ESTs//5.1e-58:282:99//Hs.122565:AI126840
- 50 R-NT2RP2000258//EST//1.0:67:68//Hs.61812:AA035649
- R-NT2RP2000270//ESTs, Weakly similar to LINE-1 REVERSE TRANSCRIPTASE HOMOLOG [Homo sapiens]/8.4e-59:298:96//Hs.16085:AI261382
- 55 R-NT2RP2000274//ESTs//7.5e-61:296:98//Hs.86081:AA196635

EP 1 074 617 A2

R-NT2RP2000288//ESTs//1.8e-56:305:93//Hs.7579:AA775865

5 R-NT2RP2000289

R-NT2RP2000297//ESTs, Highly similar to MKR2 PROTEIN [Mus musculus]//9.8e-106:494:99//Hs.102951:AA574249

10

R-NT2RP2000298//ESTs//2.1e-62:256:90//Hs.8737:W22712

15 R-NT2RP2000310//Human proline dehydrogenase/proline oxidase (PRODH) mRNA, complete cds//2.8e-39:222:93//Hs.58218:U82381

20 R-NT2RP2000327//Homo sapiens DNA sequence from PAC 434014 on chromosome 1q32.3.-41. Contains the HSD11B1 gene for Hydroxysteroid (11-beta) Dehydrogenase 1, the ADORA2BP adenosine A2b receptor LIKE pseudogene, the IRF6 gene for Interferon Regulatory Factor 6 and two unknown genes. Contains ESTs and GSSs//2.9e-71:342:98//Hs.87684:AL022398

25 R-NT2RP2000329//ESTs, Highly similar to GTP:AMP PHOSPHOTRANSFERASE MITOCHONDRIAL [Bos taurus]//3.4e-69:371:94//Hs.43436:N32441

30 R-NT2RP2000337//ESTs//5.2e-79:411:95//Hs.101799:AI276062

R-NT2RP2000346//Homo sapiens apoptosis associated protein (GADD34) mRNA, complete cds//1.1e-47:262:94//Hs.76556:U83981

35 R-NT2RP2000369//ESTs//4.3e-102:531:94//Hs.15855:H98103

40 R-NT2RP2000414//Homo sapiens HnRNP F protein mRNA, complete cds//8.4e-09:93:83//Hs.808:L28010

R-NT2RP2000420//ESTs//8.2e-24:142:94//Hs.144893:AI222324

45 R-NT2RP2000422//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds//4.2e-20:140:90//Hs.5819:AF102265

50 R-NT2RP2000438//ESTs, Weakly similar to misato [D.melanogaster]//1.3e-65:362:93//Hs.22197:AI151425

55 R-NT2RP2000448//ESTs, Highly similar to HYPOTHETICAL 51.6 KD PROTEIN IN PAP1-MRPL13 INTERGENIC REGION [Saccharomyces cerevisiae]//3.6e-75:435:92//Hs.21938:W81045

R-NT2RP2000459//ESTs//2.8e-95:527:93//Hs.103422:AI352013

EP 1 074 617 A2

R-NT2RP2000498//ESTs//2.3e-17:119:79//Hs.161714:AA229078

R-NT2RP2000503//ESTs//5.2e-91:438:98//Hs.152335:AI290215

5 R-NT2RP2000510//Homo sapiens KIAA0436 mRNA, partial cds//0.13:455:58//Hs.110:AB007896

10 R-nnnnnnnnnn//ESTs//9.9e-63:376:89//Hs.47546:AA181348

R-NT2RP2000523

15 R-NT2RP2000603//Homo sapiens mRNA for KIAA0572 protein, partial cds//3.5e-30:167:97//Hs.14409:AB011144

R-NT2RP2000617//ESTs//9.5e-103:493:98//Hs.9412:W72446

20 R-NT2RP2000634//Homo sapiens mRNA for KIAA0614 protein, partial cds//8.1e-66:335:96//Hs.7314:AB014514

25 R-NT2RP2000644//ESTs//1.1e-18:372:63//Hs.82419:AA789222

R-NT2RP2000656//ESTs//1.0e-10:128:80//Hs.23977:AA115275

30 R-NT2RP2000658//ESTs//0.31:278:59//Hs.15661:W02396

R-NT2RP2000668//ESTs//8.2e-40:255:88//Hs.113310:R16767

35 R-NT2RP2000678//ESTs//2.6e-53:271:9611Hs.23790:N99347

R-NT2RP2000710//ESTs//0.49:190:63//Hs.145521:AI261368

40 R-NT2RP2000715//EST//1.2e-87:418:9911Hs.139425:AA429279

R-NT2RP2000731//EST//5.3e-65:322:97//Hs.136754:AA713965

45 R-NT2RP2000758//ESTS//1.0:187:61//Hs.10545:N62642

R-NT2RP2000764//ESTs//5.8e-84:485:91//Hs.121816:AA775419

50 R-NT2RP2000809

R-NT2RP2000812//ESTs//1.2e-45:231:97//Hs.121028:AA902745

55 R-nnnnnnnnnnnn//ESTs//6.3e-87:433:97//Hs.145479:AA969404

R-NT2RP2000816//ESTS//0.45:100:69//Hs.147529:AA458918

EP 1 074 617 A2

R-NT2RP2000819

5 R-NT2RP2000841//ESTs//1.9e-73:351:99//Hs.116385:AI224511

R-NT2RP2000842//TUMOR NECROSIS FACTOR-INDUCIBLE PROTEIN TSG-6

10 PRECURSOR//4.6e-10:247:66//Hs.29352:M31165

R-NT2RP2000845//ESTs//2.8e-91:443:97//Hs.66810:AI206552

15 R-NT2RP2000863//ESTs//4.3e-49:310:88//Hs.104336:W07345

R-NT2RP2000880//Homo sapiens mRNA for KIAA0741 protein, complete cds//2.8e-43:277:89//Hs.3615:AB018284

20 R-NT2RP2000892//ESTs//2.8e-50:25 8:96//Hs.119238:AA476267

R-NT2RP2000931//MATRIN 3//7.2e-57:290:96//Hs.78825:AB018266

25 R-NT2RP2000938//ESTs, Highly similar to HYPOTHETICAL 6.3 KD PROTEIN ZK652.2 IN CHROMOSOME III [Caenorhabditis elegans]//3.9e-37:199:95//Hs.112318:AA186477

30 R-NT2RP2000943//Homo sapiens mRNA for KIAA0755 protein, complete cds//9.8e-98:494:96//Hs.19822:AB018298

R-NT2RP2000965//EST//0.22:223:60//Hs.105703:AA487021

35 R-NT2RP2000970//EST//8-7e-06:255:62//Hs.149202:AI246481

R-NT2RP2000985//ESTs, Weakly similar to HYPOTHETICAL 96.8 KD PROTEIN IN SIS2-MTD1 INTERGENIC REGION [S.cerevisiae]//7.8e-92:468:95//Hs.12124:AA522537

40 R-NT2RP2000987//ESTs//4.5e-78:419:93//Hs.21968:H97521

45 R-NT2RP2001036//EST//2.0e-33:148:82//Hs.163196:AA767643

R-NT2RP2001044//ESTs//5.6e-95:493:95//Hs.21958:AA453660

50 R-NT2RP2001065//ESTs//3.6e-28:153:96//Hs.119314:AA432108

R-NT2RP2001070//EST//0.30:94:67//Hs.94289:N73665

55 R-NT2RP2001094//EST//0.75:101:69//Hs.161040:H82068

R-NT2RP2001119

EP 1 074 617 A2

5 R-NT2RP2001127//Homo sapiens mRNA for HRIHFB2060, partial cds//1.5e-56:304:94//Hs.146282:AB015348
 R-NT2RP2001137
 10 R-NT2RP2001149//ESTs//5.1e-66:324:9711Hs.27475:AA704512
 R-NT2RP2001168//ESTs//2.0e-98:539:92//Hs.77870:AI188145
 15 R-NT2RP2001173//Homo sapiens mRNA for KIAA0480 protein, complete cds//1.5e-96:490:96//Hs.26247:AB007949
 R-NT2RP2001174//ESTs//2.2e-63:354:93//Hs.24266:R28287
 20 R-NT2RP2001196//ESTs//1.4e-83:463:93//Hs.124304:AA825510
 R-NT2RP2001218//ESTs//1.4e-100:506:96//Hs.93391:AI188402
 25 R-NT2RP2001226//EST//0.0074:154:63//Hs.128612:AA909358
 R-NT2RP2001233//ESTs, Highly similar to ZINC FINGER PROTEIN ZFP-36 [Homo sapiens]//3.7e-65:538:80//Hs.44014:AA632298
 30 R-NT2RP2001245//ESTs//5.2e-90:447:97//Hs.14559:H92996
 R-NT2RP2001268//Homo sapiens mRNA for KIAA0810 protein, partial cds//1.5e-112:544:97//Hs.7531:AB018353
 35 R-NT2RP2001277//ESTs//2.0e-81:387:99//Hs.13751:AA908229
 40 R-NT2RP2001290//ESTs//2.4e-91:501:92//Hs.12600:AA044775
 R-NT2RP2001295//ESTs//1.4e-70:337:99//Hs.123854:AA412665
 45 R-NT2RP2001312//ESTs//4.6e-53:276:95//Hs.7961:AA401205
 R-NT2RP2001327//ESTs, Moderately similar to tumor necrosis factor-alpha-induced protein B12 [H.sapiens]//2.3e-43:238:93//Hs.106632:N25679
 50 R-NT2RP2001328//ESTs//5.1e-99:499:96//Hs.34868:AI341138
 R-NT2RP2001347//ESTs//6.7e-05:100:77//Hs.9536:AA114178
 55 R-NT2RP2001378//ESTs//4.2e-83:456:93//Hs.10554:N50028

EP 1 074 617 A2

R-NT2RP2001381//ESTs//1.1e-26:148:96//Hs.161859:AA444038

5 R-NT2RP2001392//ESTs, Weakly similar to MITOCHONDRIAL LON PROTEASE HOMOLOG
PRECURSOR [H.sapiens]//3.9e-74:411:93//Hs.47305:AA195153

R-NT2RP2001394//ESTs//9.5e-54:305:93//Hs.70256:R07875

10 R-NT2RP2001397//ESTs, Highly similar to G2/MITOTIC-SPECIFIC CYCLIN B2 [Mesocricetus
auratus]//5.2e-97:469:97//Hs.20483:AA522505

R-NT2RP2001420//ESTs//1.6e-49:228:88//Hs.163602:N32030

15

R-NT2RP2001423//ESTs//2.0e-37:190:99//Hs.101565:R35431

R-NT2RP2001427//EST//1.7e-1 1:107:84//Hs.148584:AI201728

20

R-NT2RP2001436//ESTs, Weakly similar to F02D8.3 [C.elegans]//2.9e-114:558:97//Hs.7627:
AI341556

25

R-NT2RP2001440//EST//0.17:192:58//Hs.133442:AI061394

/

R-NT2RP2001445//ESTs//1.1e-43:215:100//Hs.145497:AA501453

30

R-NT2RP2001449//ESTs//4.1e-08:234:61//Hs.134067:AI076765

R-NT2RP2001450//ESTs//9.5e-65:356:94//Hs.61829:AI079539

35

R-NT2RP2001467//Small inducible cytokine A5 (RANTES)//1.2e-34:255:83//Hs.155464:
AF088219

R-NT2RP2001506//ESTs//2.9e-23:170:88//Hs.7147:T23513

40

R-NT2RP2001511//ESTs//2.0e-08:59:100//Hs.57660:AA251146

R-NT2RP2001520//Homo sapiens mRNA for mitochondrial carrier protein ARALAR1//6.7e-
106:545:95//Hs.4277:Y14494

45

R-NT2RP2001526//ESTs//3.7e-23:295:72//Hs.8514:AF039240

50

R-NT2RP2001536//Homo sapiens X-ray repair cross-complementing protein 3 (XRCC3)
mRNA, complete cds//1.9e-15:99:95//Hs.99742:AF035586

R-NT2RP2001560//ESTs//2.2e-58:310:94//Hs.87454:AA732816

55

R-NT2RP2001569//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0488//2.0e-
76:387:96//Hs.67619:AB007957

EP 1 074 617 A2

R-NT2RP2001576//Human mRNA for KIAA0105 gene, complete cds//0.17:193:60//Hs.119:
D14661

5 R-NT2RP2001581//ESTs//5.1e-08:107:78//Hs.157114:T58884

R-NT2RP2001597//EST//5.2e-22:151:88//Hs.158613:AI369995

10 R-NT2RP2001601//ESTs//1.5e-78:373:99//Hs.137558:AI393767

R-NT2RP2001613

15 R-NT2RP2001628//EST//0.99:195:60//Hs.144238:W52294

R-NT2RP2001663//ESTs//4.0e-37:282:84//Hs.12319:W56090

20 R-NT2RP2001677//ESTs//1.4e-44:232:96//Hs.159387:AI370845

R-NT2RP2001678//ESTs//0.91:124:60//Hs.10593:AI201336

25 R-NT2RP2001699//EST//0.0033:230:61//Hs.146544:AI125323

R-NT2RP2001720//ESTs//1.8e-52:255:99//Hs.101064:AA290579

30 R-NT2RP2001721//ESTs//7.0e-101:479:99//Hs.129750:AA987538

R-NT2RP2001740//ESTs//3.3e-76:379:96//Hs.144704:AI147100

35 R-NT2RP2001748//ESTs//1.4e-44:352:81//Hs.142259:AA828840

R-NT2RP2001762//Homo sapiens exonuclease 1a (EXO1a) mRNA, complete cds//2.1e-105:
40 519:96//Hs.47504:AF091754

R-NT2RP2001813//ESTs//6.3e-78:406:95//Hs.21902:R44037

45 R-NT2RP2001861

R-NT2RP2001869//EST//2.8e-21:173:82//Hs.130321:AI002941

50 R-NT2RP2001876//ESTs//6.1e-102:526:95//Hs.4944:AA533088

R-NT2RP2001883//ESTs, Weakly similar to No definition line found [C.elegans]//6.9e-110:
55 556:95//Hs.23159:AA113849

R-NT2RP2001900//ESTs//6.9e-85:442:95//Hs.154220:AA171724

EP 1 074 617 A2

R-NT2RP2001907//ESTs//2.1e-82:432:94//Hs.142257:AA188423

R-NT2RP2001926//EST//2.3e-24:299:71//Hs.135085:AI097268

5 R-NT2RP2001936//ESTs//1.1e-45:265:92//Hs.112482:T66087

R-NT2RP2001943//EST//1.4e-05:246:61//Hs.144096:AI032180

10 R-NT2RP2001946//ESTs//3.6e-87:410:99//Hs.20242:W72594

R-NT2RP2001947//ESTs//1.9e-55:338:88//Hs.58582:T72588

15 R-NT2RP2001969

R-NT2RP2001976//ESTs//1.2e-98:499:95//Hs.121028:AA902745

20 R-NT2RP2001985//ESTs, Weakly similar to GTPASE-ACTIVATING PROTEIN SPA-1
[M.musculus]//8.3e-15:118:89//Hs.18760:AA166678

25 R-NT2RP2002025//ESTs//2.1e-82:393:98//Hs.159488:AI378233

R-NT2RP2002032//ESTs//4.4e-98:531:91//Hs.93836:AA813332

30 R-NT2RP2002033//ESTs//3.5e-43:229:96//Hs.30563:AA102627

R-NT2RP2002041

35 R-NT2RP2002046//ESTs//1.6e-101:476:99//Hs.101107:AA825938

R-NT2RP2002047//ESTs//9.1e-85:431:95//Hs.116750:AA629895

40 R-NT2RP2002058//ESTs//1.3e-31:163:99//Hs.33085:AA258068

R-NT2RP2002066//ESTs//1.9e-87:459:93//Hs.118871:AA846091

45 R-NT2RP2002070//ESTs//4.1e-63:332:96//Hs.156446:T92265

R-NT2RP2002076//Homo sapiens clone 24804 mRNA sequence//1.7e-26:178:
87//Hs.11039:AF052183

50 R-NT2RP2002079//ESTs//1.2e-79:389:97//Hs.135214:AI350524

R-NT2RP2002099//Homo sapiens mRNA for E1B-55kDa-associated protein//1.5e-60:376:
89//Hs.155218:AJ007509

55 R-NT2RP2002105//ESTs//8.4e-54:313:90//Hs.98702:AI123000

EP 1 074 617 A2

R-NT2RP2002124//ESTs//6.6e-81:431:93//Hs.127326:AA525134

5 R-NT2RP2002137//Deoxycytidine kinase//0.29:183:62//Hs.709:M60527

R-NT2RP2002154//ESTs//9.6e-97:539:91//Hs.18624:AA523268

10 R-NT2RP2002172//EST//0.69:53:75//Hs.156238:AI334495

R-NT2RP2002185//ESTs, Weakly similar to F15C11.2 [C.elegans]//1.4e-54:269:98//Hs.107201:W52859

15 R-NT2RP2002192//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//3.9e-15:245:71//Hs.87578:AI125363

20 R-NT2RP2002193//ESTs//3.5e-79:45 3:90//Hs.76578:AI290672

R-NT2RP2002208//ESTs//2.0e-72:347:99//Hs.164028:AI003946

25 R-NT2RP2002219//EST//0.039:229:63//Hs.149830:AI287499

R-NT2RP2002231//ESTs//3.3e-64:337:94//Hs.79828:AA642341

30 R-nnnnnnnnnnnn//ESTs, Highly similar to co-repressor protein [M.musculus]//5.4e-48:238:99//Hs.22583:AA188168

R-NT2RP2002256//Homo sapiens retinoic acid hydroxylase mRNA, complete cds//1.6e-15:131:83//Hs.150595:AF005418

35 R-NT2RP2002259//Human L-myc protein gene, complete cds//5.3e-99:548:91//Hs.92137:M19720

40 R-NT2RP2002270//ESTs, Weakly similar to AF-9 PROTEIN [H.sapiens]//4.8e-100:550:91//Hs.4029:Z78373

45 R-NT2RP2002292//ESTs, Weakly similar to F13B12.1 [C.elegans]//3.2e-92:482:93//Hs.5570:AI377863

R-NT2RP2002312//Homo sapiens CDP-diacylglycerol synthase 2 (CDS2) mRNA, partial cds//4.1e-103:527:94//Hs.24812:AF069532

50 R-NT2RP2002316//ESTs//4.2e-91:425:100//Hs.3350:AI368015

55 R-NT2RP2002325//Homo sapiens peroxisomal biogenesis factor (PEX11a) mRNA, complete cds//1.2e-112:567:95//Hs.31034:AB015594

EP 1 074 617 A2

R-NT2RP2002333//ESTs//1.9e-86:483:91//Hs.155198:AA767372

5 R-NT2RP2002385//Homo sapiens synaptic glycoprotein SC2 spliced variant mRNA,
complete cds//1.2e-103:600:89//Hs.109051:AF038958

R-NT2RP2002394//ESTs//0.11:158:65//Hs.28792:AI343467

10 R-NT2RP2002408//ESTs//1.5e-51:278:93//Hs.6044:W22815

R-NT2RP2002426//Homo sapiens mRNA for KIAA0563 protein, complete cds//1.7e-33:285:
80//Hs.15731:AB011135

15

R-NT2RP2002439//ESTs//3.2e-12:134:76//Hs.32246:AA464020

R-NT2RP2002457//ESTs//4.7e-52:282:94//Hs.21968:H97521

20

R-NT2RP2002464//ESTs//5.3e-27:148:98//Hs.115660:AI362230

R-NT2RP2002475//ESTs//3.9e-85:439:94//Hs.9873:W27233

25

R-nnnnnnnnnnnn//Homo sapiens mRNA for ABC transporter 7 protein, complete cds//9.9e-
115:605:92//Hs.125856:AB005289

30

R-NT2RP2002498//ESTs//6.3e-37:227:93//Hs.108779:N73180

R-NT2RP2002503//ESTs//1.9e-54:358:86//Hs.57800:W60838

35

R-NT2RP2002504//Homo sapiens mRNA for KIAA0791 protein, complete cds//8.5e-107:583:
91//Hs.23255:AB018334

R-NT2RP2002520//ESTs//4.2e-99:509:94//Hs.32368:AA205305

40

R-NT2RP2002537//ESTs//4.2e-105:552:93//Hs.154363:AA533090

R-NT2RP2002546//Homo sapiens clone TUA8 Cri-du-chat region mRNA//2.6e-109:570:
93//Hs.49476:AF009314

45

R-NT2RP2002549//DNA polymerase gamma//1.1e-35:189:86//Hs.80961:U60325

50

R-NT2RP2002591//ESTs, Weakly similar to ZINC FINGER PROTEIN 84 [H.sapiens]//7.5e-
118:564:97//Hs.94549:AA149547

R-NT2RP2002595//EST//1.4e-15:101:95//Hs.129528:AA994783

55

R-NT2RP2002606//ESTs//4.5e-99:475:98//Hs.45046:N40170

EP 1 074 617 A2

R-NT2RP2002609//ESTs//1.9e-104:568:92//Hs.9175:AI184220

R-NT2RP2002618//ESTs//0.014:493:57//Hs.96322:AA541615

5 R-NT2RP2002621//EST//4.4e-36:252:84//Hs.149580:AI281881

R-NT2RP2002643//ESTs//6.9e-32:247:74//Hs.33354:AA179944

10 R-NT2RP2002672

R-NT2RP2002701//N-acetylglucosaminidase, alpha- (Sanfilippo disease IIIB//0.99:184:63//Hs.50727:U43572

15 R-NT2RP2002706//EST//2.8e-41:148:86//Hs.161917:AA483223

R-NT2RP2002710//EST//0.34:105:71//Hs.136747:AA749210

20 R-NT2RP2002727//ESTs//8.7e-68:368:94//Hs.14366:T78626

R-NT2RP2002736//ESTs//9.7e-98:457:99//Hs.74899:AA993300

25 R-NT2RP2002740//Homo sapiens mRNA for KIAA0536 protein, partial cds//0.66:360:59//Hs.119139:AB011108

30 R-NT2RP2002741//ESTs//3.1e-102:489:98//Hs.112024:AI042352

R-NT2RP2002750//EST//3.6e-43:166:86//Hs.162404:AA573131

35 R-NT2RP2002752//ESTs//5.0e-56:355:89//Hs.95867:M62042

R-NT2RP2002753//ESTs//1.7e-49:262:96//Hs.49005:W89124

40 R-NT2RP2002769//ESTs//1.3e-59:376:88//Hs.4046:H03587

R-NT2RP2002778//Homo sapiens clone 24606 mRNA sequence//4.0e-65:341:94//Hs.17481:AF070537

45 R-NT2RP2002800//ESTs//6.5e-08:79:84//Hs.153262:AA551124

50 R-NT2RP2002839//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!!
[H.sapiens]//1.6e-100:501:97//Hs.136202:AA206578

R-NT2RP2002857//ESTs//4.3e-94:463:97//Hs.134292:AA603031

55 R-NT2RP2002862//ESTs//2.3e-42:302:82//Hs.117969:H94870

EP 1 074 617 A2

R-NT2RP2002880

R-NT2RP2002891

5 R-NT2RP2002925//ESTs//1.3e-103:564:92//Hs.142079:AA182894

R-NT2RP2002928//ESTs//3.9e-108:502:99//Hs.29105:AA574143

10 R-NT2RP2002929//ESTs//4.1e-106:499:99//Hs.44743:AA837096

R-NT2RP2002954//ESTs//2.6e-88:417:99//Hs.100824:AI308771

15 R-NT2RP2002959//ESTs//7.5e-101:489:97//Hs.32690:N57480

R-NT2RP2002979//ESTs//5.4e-06:197:65//Hs.146726:AI147060

20 R-NT2RP2002980//ESTs//1.0e-110:562:96//Hs.28444:AA083213

R-NT2RP2002986//ESTs, Highly similar to RING CANAL PROTEIN [Drosophila melanogaster]//3.1e-119:578:97//Hs.106290:AI125291

25 R-NT2RP2002987//Human mRNA for KIAA0331 gene, complete cds//1.0:78:74//Hs.146395:AB002329

30 R-NT2RP2002993//ESTs, Weakly similar to DNA-DIRECTED RNA POLYMERASE II 140 KD POLYPEPTIDE [H.sapiens]//2.4e-98:467:98//Hs.86337:AA149311

35 R-NT2RP2003000//ESTs//0.0070:400:61//Hs.138506:U85642

R-NT2RP2003034//ESTs//9.3e-87:408:96//Hs.164042:H12594

40 R-NT2RP2003073//Human transporter protein (g17) mRNA, complete cds//0.95:259:61//Hs.76460:U49082

R-NT2RP2003099//Thromboxane A2 receptor//2.6e-42:328:81//Hs.89887:D38081

45 R-NT2RP2003108//ESTs//2.3e-82:398:98//Hs.5105:AA115512

R-NT2RP2003117//Human mRNA for KIAA0347 gene, complete cds//2.4e-49:336:86//Hs.101996:AB002345

50 R-NT2RP2003121//ESTs//2.0e-75:380:96//Hs.133127:AA133355

55 R-NT2RP2003125

R-NT2RP2003129//EST//0.68:115:69//Hs.122196:AA780986

EP 1 074 617 A2

R-NT2RP2003137//ESTs//2.1e-37:259:85//Hs.63169:N78506

5 R-NT2RP2003161//ESTs//2.5e-88:451:96//Hs.29041:W37379

R-NT2RP2003164//ESTs//4.3e-113:543:97//Hs.8980:AA629067

10 R-NT2RP2003165//ESTs//6.9e-83:486:89//Hs.138632:H97952

R-NT2RP2003177//ESTs//0.47:38:100//Hs.61790:AA421156

15 R-NT2RP2003194//ESTs//4.7e-118:582:96//Hs.27266:AA053816

R-NT2RP2003206//ESTs//0.032:388:58//Hs.122148:AA442074

20 R-NT2RP2003230//ESTs//8.8e-103:478:99//Hs.40140:AI079253

R-NT2RP2003237//ESTs//2.7e-76:392:96//Hs.106278:R37661

25 R-NT2RP2003243//ESTs//3.6e-53:300:92//Rs.18793:AA192438

R-NT2RP2003265//ESTs, Highly similar to protein NGD5 [M.musculus]//3.3e-110:557:96//Hs.24994:AA236937

30 R-NT2RP2003272//ESTs, Weakly similar to F15C11.2 [C.elegans]//1.2e-34:228:89//Hs.107201:W52859

35 R-NT2RP2003277//Homo sapiens mRNA for KIAA0625 protein, partial cds//1.4e-111:565:95//Hs.154919:AB014525

R-NT2RP2003280//ESTs//2.6e-101:541:94//Hs.6982:AA622427

40 R-NT2RP2003286//ESTs//1.2e-104:497:98//Hs.113052:AI222106

R-NT2RP2003293//Human mRNA for KIAA0118 gene, partial cds//9.1e-44:458:74//Hs.154326:D42087

45 R-NT2RP2003295//Protein serine/threonine kinase stk2//0.31:321:57//Hs.1087:L20321

50 R-NT2RP2003297//ESTs//3.0e-15:118:87//Hs.16621:AA098874

R-NT2RP2003308//ESTs, Moderately similar to CROOKED NECK PROTEIN [Drosophila melanogaster]//4.8e-109:553:96//Hs.26089:AA195126

55 R-NT2RP2003329//ESTs//0.99:208:62//Hs.143607:AI424948

EP 1 074 617 A2

R-NT2RP2003339//ESTs//1.3e-85:441:96//Rs.24115:N32618

R-NT2RP2003347//ESTs//1.5e-70:365:96//Hs.155773:AI312825

5 R-NT2RP2003367//EST//5.8e-80:376:100//Hs.112500:AA599014

R-NT2RP2003391//ESTs//2.8e-98:484:97//Hs.5842:AA534476

10 R-NT2RP2003393//ESTs//2.0e-96:510:93//Hs.75844:AA115502

R-NT2RP2003394//EST//5.2e-06:264:63//Hs.144234:W52249

15 R-NT2RP2003401//ESTs//6.1e-25:161:90//Hs.155360:AA984683

R-NT2RP2003433//ESTs, Highly similar to PROTEIN TRANSPORT PROTEIN SEC61 ALPHA
SUBUNIT [Canis familiaris]//1.2e-106:508:98//Hs.131840:AI016073

20 R-NT2RP2003445//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!!
[H.sapiens]//5.6e-21:161:70//Hs.43153:N22360

25 R-NT2RP2003446//ESTs, Weakly similar to C27H6.4 [C.elegans]//6.0e-105:529:96//Hs.8055:
W60903

30 R-NT2RP2003456//ESTs//7.5e-96:449:99//Hs.25362:AI277332

R-NT2RP2003480//ESTs//1.6e-116:583:96//Hs.59757:AA176121

35 R-NT2RP2003499//ESTs, Weakly similar to elastin like protein [D.melanogaster]//7.0e-71:
365:95//Hs.101056:R52777

R-NT2RP2003506//ESTs, Weakly similar to ORF YPL207w [S.cerevisiae]//2.3e-115:577:
40 96//Hs.16277:N36831

R-NT2RP2003511//ESTs//1.6e-22:182:85//Hs.28249:AA203733

45 R-NT2RP2003513//Human mRNA for KIAA0270 gene, partial cds//1.3e-108:566:
94//Hs.78482:Y16270

R-NT2RP2003517//Platelet-derived growth factor beta polypeptide (simian sarcoma viral (v-
50 sis) oncogene homolog)//4.9e-62:518:79//Hs.1976:M12783

R-NT2RP2003522//ESTs//2.0e-97:462:99//Hs.24512:D60170

55 R-NT2RP2003533//ESTs//4.4e-45:273:78//Hs.140225:AA704101

R-NT2RP2003543//EST//1.0:80:68//Hs.65646:F13684

EP 1 074 617 A2

- 5 R-NT2RP2003559//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!!
[H.sapiens]//1.8e-58:316:94//Hs.28891:W72439
- R-NT2RP2003564//ESTs//3.2e-112:528:99//Hs.53940:N46696
- 10 R-NT2RP2003581//ESTs//1.3e-88:506:93//Hs.16157:AA203719
- R-NT2RP2003596//ESTs, Weakly similar to No definition line found [C.elegans]//4.7e-101:
495:98//Hs.34627:AA126463
- 15 R-NT2RP2003604//Homo sapiens alpha-catenin related protein (ACRP) mRNA, complete
cds//1.7e-103:501:97//Hs.58488:U97067
- R-NT2RP2003629//EST//0.032:440:59//Hs.135297:AI038981
- 20 R-NT2RP2003643//ESTs, Weakly similar to HYPOTHETICAL 14.1 KD PROTEIN IN MURZ-
RPON INTERGENIC REGION [E.coli]//9.1e-62:359:92//Hs.12492:AA203188
- 25 R-NT2RP2003668//EST//9.4e-110:535:97//Hs.116279:AA628951
- R-NT2RP2003687//EST//5.9e-05:196:65//Hs.139064:AA135523
- 30 R-NT2RP2003691//ESTs, Weakly similar to F59C6.9 [C.elegans]//1.0:202:62//Hs.65539:
AI148540
- R-NT2RP2003702//ESTs, Moderately similar to ovarian-specific protein [R.norvegicus]//4.3e-
35 99:492:96//Hs.93332:AA811920
- R-NT2RP2003704//ESTs//1.0:155:63//Hs.104166:AA740246
- 40 R-NT2RP2003706//Homo sapiens mRNA for KIAA0525 protein, partial cds//8.4e-47:265:
93//Hs.78494:AB011097
- R-NT2RP2003713//EST//0.81:210:59//Hs.14551:T79401
- 45 R-NT2RP2003714//ESTs//1.7e-99:495:96//Hs.158101:AI365003
- R-nnnnnnnnnnnnn//Human 19.8 kDa protein mRNA, complete cds//0.84:221:60//Hs.2384:
50 U18914
- R-NT2RP2003737//ESTs, Highly similar to UBIQUITIN-CONJUGATING ENZYME E2-17 KD
[Caenorhabditis elegans]//2.4e-50:302:90//Hs.19196:W74577
- 55 R-NT2RP2003751

EP 1 074 617 A2

R-NT2RP2003760//ESTs//2.6e-101:548:93//Hs.115987:AA483808

R-NT2RP2003764//ESTs//8.2e-25:134:98//Hs.64036:AA127709

5 R-NT2RP2003769//ESTs//1.7e-108:545:95//Hs.56847:AA541606

R-NT2RP2003770//Homo sapiens sperm acrosomal protein mRNA, complete cds//6.0e-106:531:96//Hs.90436:AF047437

10 R-NT2RP2003777//ESTs//2.6e-59:323:94//Hs.10101:AI381811

15 R-NT2RP2003781//ESTs//2.0e-25:269:75//Hs.144951:N34836

R-NT2RP2003793//ESTs//8.7e-94:466:97//Hs.93949:AA782955

20 R-NT2RP2003840//ESTs//3.4e-97:533:93//Hs.16130:AA195077

R-NT2RP2003857//H.sapiens mRNA for G9a//2.8e-23:351:65//Hs.75196:X69838

25 R-NT2RP2003859//ESTs//3.0e-07:96:81//Hs.153262:AA551124

R-NT2RP2003871//ESTs//1.9e-102:509:97//Hs.25726:AA430167

30 R-NT2RP2003885//ESTs//1.0e-102:502:97//Hs.36353:AA702341

R-NT2RP2003912//EST//1.2e-38:336:76//Hs.134975:AI094611

35 R-NT2RP2003952//Homo sapiens DNA-binding protein (CROC-1B) mRNA, complete cds//0.90:190:60//Hs.75875:U49278

R-NT2RP2003968//Homo sapiens hUBP mRNA for ubiquitin specific protease, complete cds//7.6e-116:568:97//Hs.35086:AB014458

40 R-NT2RP2003976//Homo sapiens mRNA for KIAA0447 protein, complete cds//3.6e-109:540:97//Hs.7302:AB007916

45 R-NT2RP2003981//Homo sapiens mRNA for KIAA0804 protein, partial cds//2.5e-115:568:96//Hs.7316:AB018347

50 R-NT2RP2003984

R-NT2RP2003986//ESTs//4.9e-36:272:82//Hs.158268:AA738087

55 R-NT2RP2003988//ESTs, Weakly similar to reverse transcriptase [H.sapiens]//3.2e-110:519:99//Hs.36093:AI149968

EP 1 074 617 A2

R-NT2RP2004014//ESTs//8.4e-102:483:99//Hs.22867:AI417478

R-NT2RP2004041

5 R-NT2RP2004042//ESTs//1.5e-105:466:97//Hs.7296:N29706

R-nnnnnnnnnnnnn//ESTs//1.4e-110:559:96//Hs.71916:AA219699

10 R-NT2RP2004081//ESTs//3.7e-105:503:98//Hs.27542:AA977204

R-NT2RP2004098//EST//7.3e-26:203:87//Hs.21897:R41461

15 R-NT2RP2004124//ESTs//1.1e-83:435:95//Hs.43299:N23036

R-NT2RP2004142//EST//1.3e-06:165:65//Hs.146742:AI147500

20 R-NT2RP2004152//ESTs//7.0e-98:455:100//Hs.17731:AI342241

R-NT2RP2004165//ESTs, Highly similar to DYNEIN BETA CHAIN, CILIARY [Anthocidaris
25 crassispina]//1.0e-118:583:97//Hs.16520:AI224533

R-NT2RP2004170//ESTs//6.7e-66:407:88//Hs.157138:AI348544

30 R-NT2RP2004172//ESTs//1.5e-109:567:95//Hs.159091:AA033974

R-NT2RP2004187//ESTs//3.6e-92:488:93//Hs.22954:W26589

35 R-NT2RP2004194//ESTs//6.2e-114:585:95//Hs.18778:AA203167

R-NT2RP2004196

40 R-NT2RP2004207//ESTs//6.3e-102:488:98//Hs.22678:AA604756

R-NT2RP2004226//ESTs//8.8e-18:252:71//Hs.11924:W26972

45 R-NT2RP2004232//ESTs, Highly similar to protein kinase C mu [H.sapiens]//5.2e-105:499:
98//Hs.143460:AA483305

R-NT2RP2004239//ESTs//1.2e-16:171:80//Hs.16134:AA203116

50 R-NT2RP2004240//Homo sapiens antigen NY-CO-1 (NY-CO-1) mRNA, complete cds//3.4e-
103:530:93//Hs.54900:AF039687

55 R-NT2RP2004242//ESTs//1.3e-85:460:93//Hs.104535:AA211483

R-NT2RP2004245//ESTs//6.4e-117:575:97//Hs.23744:AA035744

EP 1 074 617 A2

R-NT2RP2004270//ESTs//1.0:95:69//Hs.141371:H92187

5 R-NT2RP2004300//ESTs//4.4e-80:379:99//Hs.130874:AA905056

R-NT2RP2004316//Homo sapiens EXT-like protein 2 (EXTL2) mRNA, complete cds//4.7e-110:544:96//Hs.61152:AF000416

10 R-NT2RP2004321//ESTs//2.1e-18:104:99//Hs.107207:AA044788

R-NT2RP2004339//EST//1.4e-47:309:86//Hs.161917:AA483223

15 R-NT2RP2004347

R-NT2RP2004364//ESTs//1.1e-113:566:96//Hs.25880:AI268173

20 R-NT2RP2004365//ESTs//0.022:271:62//Hs.38897:AI129310

R-NT2RP2004366//ESTs//9.5e-71:335:100//Hs.91867:AI218624

25 R-NT2RP2004373//ESTs//4.2e-25:172:87//Hs.83243:N32192

R-NT2RP2004389//ESTs, Highly similar to HYPOTHETICAL 70.7 KD PROTEIN F09G8.3 IN CHROMOSOME III [Caenorhabditis elegans]//1.4e-11:108:82//Hs.30490:AA146916

30 R-NT2RP2004392//ESTs//3.4e-81:427:94//Hs.5827:AA581646

35 R-NT2RP2004396//EST//5.6e-06:100:77//Hs.138623:H92473

R-NT2RP2004399//EST//0.98:337:59//Hs.118446:N67900

40 R-NT2RP2004400//ESTs//2.1e-90:422:100//Hs.152460:AA602921

R-NT2RP2004412//ESTs//1.4e-105:503:98//Hs.15929:AA403121

45 R-NT2RP2004425//EST//0.00017:225:60//Hs.146935:AI168124

R-NT2RP2004476//ESTs//1.4e-88:477:94//Hs.4859:N29695

50 R-NT2RP2004490//Homo sapiens 3-phosphoinositide dependent protein kinase-1 (PDK1) mRNA, complete cds//8.6e-34:143:98//Hs.154729:AF017995

R-NT2RP2004512//ESTs//2.6e-91:426:100//Hs.94133:AI270700

55 R-NT2RP2004523//ESTs//1.6e-74:377:97//Hs.14217:R61320

EP 1 074 617 A2

R-NT2RP2004538//Thromboxane A2 receptor//1.4e-45:279:89//Hs.89887:D38081

5 R-NT2RP2004551//ESTs//0.47:147:66//Hs.131519:AI024347

R-NT2RP2004568//ESTs//1.3e-107:567:94//Hs.65234:AA195470

10 R-NT2RP2004580//ESTs//5.9e-29:156:98//Hs.147801:AI221661

R-NT2RP2004587//ESTs//1.0e-102:495:97//Hs.91662:AA781126

15 R-NT2RP2004594//ESTs//4.1e-56:298:95//Hs.24641:AA954666

R-NT2RP2004600//ESTs//4.8e-67:374:93//Hs.49762:N69862

20 R-NT2RP2004602//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!!
[H.sapiens]//4.5e-07:149:76//Hs.12845:N28835

R-NT2RP2004614//ESTs//1.0e-111:557:96//Hs.37892:N53497

25 R-NT2RP2004655//Homo sapiens mRNA for leucine rich protein//2.4e-118:587:96//Hs.5198:
AJ006291

30 R-NT2RP2004664//Homo sapiens mRNA for KIAA0460 protein, partial cds//5.9e-107:520:
96//Hs.29956:AB007929

R-NT2RP2004675//ESTs//2.7e-82:407:97//Hs.116113:F18930

35 R-NT2RP2004681//NUCLEOLIN//0.34:387:58//Hs.79110:M60858

R-NT2RP2004689//Homo sapiens mRNA for KIAA0625 protein, partial cds//5.0e-120:600:
96//Hs.154919:AB014525

40 R-NT2RP2004709//ESTs//1.1e-106:511:98//Hs.38034:AI149793

R-NT2RP2004710//ESTs//9.9e-87:477:93//Hs.6834:AA203433

45 R-NT2RP2004736//Homo sapiens mRNA for KIAA0478 protein, complete cds//1.3e-118:594:
96//Hs.4236:AB007947

50 R-NT2RP2004743//ESTs//2.1e-48:327:88//Hs.43635:AA447015

R-NT2RP2004767//EST//4.0e-57:328:81//Hs.142796:N51423

55 R-NT2RP2004775//ESTs//9.4e-60:326:94//Hs.115339:AA136774

R-NT2RP2004791//ESTs//3.2e-82:367:96//Hs.141911:N64013

EP 1 074 617 A2

R-NT2RP2004799//Homo sapiens ATP-specific succinyl-CoA synthetase beta subunit (SCS)
 mRNA, partial cds//8.0e-116:564:96//Hs.40820:AF058953
 5 R-NT2RP2004802//ESTs//6.5e-111:586:94//Hs.90375:W74579
 R-NT2RP2004816//Homo sapiens H beta 58 homolog mRNA, complete cds//8.7e-120:584:
 10 97//Hs.67052:AF054179
 R-NT2RP2004841//EST//3.8e-31:323:74//Hs.147714:AI219906
 15 R-NT2RP2004861//EST//0.92:147:63//Hs.23064:R20803
 R-NT2RP2004897//ESTs//1.7e-46:390:80//Hs.139225:H96567
 20 R-NT2RP2004936//EST//0.97:176:63//Hs.137436:AA280529
 R-nnnnnnnnnnn//ESTs//0.059:137:64//Hs.144109:AI345543
 25 R-NT2RP2004961//ESTs//1.8e-87:409:100//Hs.138297:AA781941
 R-NT2RP2004962//ESTs//0.0021:292:59//Hs.145917:AI275458
 30 R-NT2RP2004967//Human mRNA for KIAA0118 gene, partial cds//7.4e-51:506:
 75//Hs.154326:D42087
 R-NT2RP2004978//ESTs//0.95:138:63//Hs.13619:W93496
 35 R-NT2RP2004982//ESTs//7.8e-95:468:97//Hs.22545:R43910
 R-NT2RP2004985
 40 R-NT2RP2004999//ESTs//2.9e-94:450:98//Hs.128766:AI419902
 R-NT2RP2005000
 45 R-NT2RP2005001//Homo sapiens mRNA for KIAA0615 protein, complete cds//9.6e-113:577:
 95//Hs.155972:AB014515
 50 R-NT2RP2005003//EST//1.3e-75:387:96//Hs.140843:R42235
 R-nnnnnnnnnnn//Homo sapiens SEC63 (SEC63) mRNA, complete cds//3.1e-116:568:
 55 97//Hs.31575:AF100141
 R-NT2RP2005018//ESTs//7.5e-46:280:90//Hs.126857:AA932161

EP 1 074 617 A2

R-NT2RP2005020//ESTs//1.6e-105:554:94//Hs.14846:AA148507

R-NT2RP2005031//EST//3.1e-79:379:99//Hs.139709:AA227887

5 R-NT2RP2005037//ESTs//5.3e-102:551:93//Hs.26516:AA195220

R-NT2RP2005038//ESTs//5.8e-101:566:92//Hs.46964:N49757

10 R-NT2RP2005108

R-NT2RP2005116//Homo sapiens mRNA for KIAA0664 protein, partial cds//2.7e-105:518:97//Hs.22616:AB014564

15 R-NT2RP2005126//H.sapiens mRNA for RNA helicase (Myc-regulated dead box protein) //4.6e-69:464:85//Hs.100555:X98743

20 R-NT2RP2005139//ESTs//1.0e-108:545:95//Hs.21006:AA523383

R-NT2RP2005140//ESTs//4.3e-90:422:99//Hs.62180AI341261

25 R-NT2RP2005144//ESTs//0.91:162:62//Hs.52399:AI075744

R-NT2RP2005147//ESTs//4.6e-100:502:96//Hs.27931:AA633438

30 R-NT2RP2005159//ESTs//7.5e-105:533:95//Hs.109819:AI357582

R-NT2RP2005162//ESTs//6.6e-83:419:96//Hs.113998:H50648

35 R-NT2RP2005168//Homo sapiens mRNA for EIB-55kDa-associated protein//2.4e-101:513:95//Hs.155218:AJ007509

40 R-NT2RP2005204//ESTs, Weakly similar to UBIQUITIN-ACTIVATING ENZYME E1 HOMOLOG [H.sapiens]//1.9e-115:577:96//Hs.7600:H98166

R-NT2RP2005227//Homo sapiens UM protein mRNA, complete cds//1.0e-45:359:82//Hs.154103:AF061258

45 R-NT2RP2005239//ESTs, Highly similar to NIFS-LIKE 54.5 KD PROTEIN [Saccharomyces cerevisiae]//1.0e-47:245:97//Hs.21090:AA418587

50 R-NT2RP2005254//ESTs//3.3e-111:581:94//Hs.22549:AA524503

R-NT2RP2005270//ESTs, Highly similar to HYPOTHETICAL 67.6 KD PROTEIN ZK637.3 IN CHROMOSOME III [Caenorhabditis elegans]//1.1e-79:412:95//Hs.23047:N66596

55 R-NT2RP2005276//ESTs//4.6e-85:426:96//Hs.24550:AA316272

EP 1 074 617 A2

- R-NT2RP2005287//ESTs//1.7e-109:565:94//Hs.61976:AI279001
- 5 R-NT2RP2005288//Homo sapiens RCC1-like G exchanging factor RLG mRNA, complete
cds//2.4e-125:594:98//Hs.27007:AF060219
- 10 R-NT2RP2005289//Homo sapiens mRNA for XPR2 protein//4.9e-112:545:96//Hs.44766:
AJ007590
- R-NT2RP2005293//ESTs//5.1e-116:538:99//Hs.62180:AI341261
- 15 R-NT2RP2005315//ESTs//1.4e-82:415:97//Hs.155829:AA018338
- R-NT2RP2005325//Human LIM-homeobox domain protein (hLH-2) mRNA, complete
cds//2.5e-45:272:91//Hs.1569:U11701
- 20 R-NT2RP2005336//ESTs//1.9e-93:444:99//Hs.110966:AA151699
- 25 R-NT2RP2005 344//Homo sapiens GDP-L-fucose pyrophosphorylase (GFPP) mRNA,
complete cds//0.011:463:58//Hs.150926:AF017445
- R-NT2RP2005354//ESTs//7.2e-22:148:91//Hs.153783:H14544
- 30 R-NT2RP2005360//ESTs//0.048:225:60//Hs.7602:AA099247
- R-NT2RP2005393//Homo sapiens mRNA for KIAA0761 protein, partial cds//2.9e-41:248:
82//Hs.93121:AB018304
- 35 R-NT2RP2005407//ESTs, Weakly similar to OSH1 PROTEIN [Saccharomyces
cerevisiae]//2.5e-75:461:88//Hs.70849:AA121697
- 40 R-NT2RP2005436//ESTs, Weakly similar to HYPOTHETICAL 37.0 KD PROTEIN B0495.8 IN
CHROMOSOME II [C.elegans]//8.1e-96:491:95//Hs.7194:AI185631
- 45 R-NT2RP2005441//ESTs//1.1e-110:548:96//Hs.5209:AA780068
- R-NT2RP2005453//ESTs//0.94:352:58//Hs.25870:H14423
- 50 R-NT2RP2005457//ESTs//2.1e-46:236:97//Hs.19522:AA975096
- R-NT2RP2005464//ESTs//1.8e-72:349:99//Hs.44045:N51307
- 55 R-NT2RP2005465//ESTs//0.0058:322:58//Hs.127009:AI378936
- R-NT2RP2005472//ESTs//0.47:309:60//Hs.144838:AI222019

EP 1 074 617 A2

R-NT2RP2005476//ESTS//5.1 e-40:205:9811Hs.101577:AI168526

R-NT2RP2005490//ESTs//1.3e-70:364:96//Hs.134382:AA083573

5 R-NT2RP2005491//EST//0.012:220:60//Hs.144448:AA812455

R-NT2RP2005495//ESTs//1.2e-86:501:91//Hs.99445:R93540

10 R-NT2RP2005496//ESTs//3.2e-34:263:81//Hs.70279:AA757426

R-NT2RP2005498//ESTS, Highly similar to PROTEIN PHOSPHATASE PP2A, 55 KD
15 REGULATORY SUBUNIT, NEURONAL ISOFORM [Oryctolagus cuniculus]/2.3e-45:284:
88//Hs.85752:AI138993

R-NT2RP2005501//ESTs//2.5e-84:404:98//Hs.143812:AI141755

20 R-NT2RP2005509//ESTs, Highly similar to HYPOTHETICAL 37.2 KD PROTEIN C12C2.09C
IN CHROMOSOME I [Schizosaccharomyces pombe]/8.2e-36:215:92//Hs.5298:AA725071

25 R-NT2RP2005520//Homo sapiens chromosome-associated protein-E (hCAP-E) mRNA,
complete cds//3.2e-110:570:9411Hs.119023:AF092563

R-NT2RP2005525//ESTs, Weakly similar to !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!!
30 [H.sapiens]/1.3e-84:433:95//Hs.36942:AA524535

R-NT2RP2005531//EST//0.98:64:70//Hs.146573:AI139856

35 R-NT2RP2005539//Homo sapiens mRNA for NS1-binding protein (NS1-BP)//8.8e-108:560:
94//Hs.159597:AJ012449

R-NT2RP2005540//Homo sapiens mRNA for KIAA0494 protein, complete cds//1.7e-115:583:
40 96//Hs.62515:AB007963

R-NT2RP2005549//EST//0.61:111:62//Hs.147482:AI215572

45 R-NT2RP2005555//ESTs//6.6e-108:507:99//Hs.68613:AI357567

R-NT2RP2005557//ESTs//3.1e-105:495:99//Hs.105985:AA885169

50 R-NT2RP2005581//ESTs//1.7e-79:445:92//Hs.138152:H03240

R-NT2RP2005600//ESTs//1.3e-38:192:100//Hs.48329:W92733

55 R-NT2RP2005605//ESTs//7.6e-87:409:99//Hs.45005:AA975060

R-NT2RP2005620//ESTs//2.9e-96:463:97//Hs.7407:AI376788

EP 1 074 617 A2

- R-NT2RP2005622//ESTs//1.8e-104:497:98//Hs.22595:AA394229
- 5 R-NT2RP2005637//EST//2.5e-20:163:71//Hs.161164:AI418211
- R-NT2RP2005640//ESTs//5.0e-99:473:98//Hs.23467:AA708740
- 10 R-NT2RP2005645//ESTs//9.5e-23:231:77//Hs.5534:AA195173
- R-NT2RP2005651//ESTS, Highly similar to XFIN PROTEIN [Xenopus laevis]//2.9e-103:525:96//Hs.70589:AA868470
- 15 R-NT2RP2005654//Insulin-like growth factor binding protein 2//0.94:223:60//Hs.162:X16302
- R-NT2RP2005669//Homo sapiens nitrilase 1 (VIII) mRNA, complete cds//2.7e-14:87:100//Hs.146406:AF069987
- 20 R-NT2RP2005675//Homo sapiens growth suppressor related (DOC-1R) mRNA, complete cds//5.8e-91:434:98//Hs.25664:AF089814
- 25 R-NT2RP2005683//ESTs//1.5e-98:494:96//Hs.22595:AA394229
- R-NT2RP2005690//ESTs//4.8e-43:286:86//Hs.150727:AI292236
- 30 R-NT2RP2005694//EST//3.1e-82:386:100//Hs.149391:AI273643
- R-NT2RP2005701//ESTs, Highly similar to BUTYROPHILIN PRECURSOR [Bos tauros]//2.8e-68:376:93//Hs.9095:AA532630
- 35 R-NT2RP2005712//Homo sapiens mRNA for KIAA0799 protein, partial cds//1.3e-105:503:98//Hs.61638:AB018342
- 40 R-NT2RP2005719//ESTs, Weakly similar to GPI-anchored protein p137 precursor [H.sapiens]//5.4e-105:500:98//Hs.14298:AI417523
- 45 R-NT2RP2005722//EST//6.5e-76:395:94//Hs.142150:AA223982
- R-NT2RP2005723//ESTs//1.5e-84:452:93//Hs.91753:R44455
- 50 R-NT2RP2005726//ESTs//3.5e-64:500:82//Hs.100526:AI223153
- R-NT2RP2005741//ESTs//4.7e-60:333:93//Hs.107242:R40258
- 55 R-NT2RP2005748//ESTs//3.4e-102:498:97//Hs.82660:N78064
- R-NT2RP2005752//Homo sapiens TNFR-related death receptor-6 (DR6) mRNA, complete

EP 1 074 617 A2

cds//4.3e-42:223:96//Hs.159651:AF068868

5 R-NT2RP2005753//Homo sapiens I-1 receptor candidate protein mRNA, complete cds//1.2e-104:494:98//Hs.26285:AF082516

R-NT2RP2005763//ESTs//1.1e-97:456:99//Hs.65412:AI362163

10 R-NT2RP2005767//ESTs//8.0e-38:204:96//Hs.18460:AA193463

15 R-NT2RP2005773//ESTs, Highly similar to PYRROLINE-5-CARBOXYLATE REDUCTASE [Homo sapiens]//5.4e-112:559:96//Hs.14214:AI189379

R-NT2RP2005775//ESTs, Highly similar to NEUROLYSIN PRECURSOR [Sus scrofa]//3.0e-108:544:96//Hs.22151:AI214321

20 R-NT2RP2005781//ESTs//1.7e-43:217:99//Hs.144391:AA365664

R-NT2RP2005784//EST//0.0071:217:60//Hs.117332:AA699724

25 R-NT2RP2005804//ESTs//8.8e-107:512:98//Hs.15496:W44398

R-NT2RP2005812//ESTs//9.0e-76:359:99//Hs.113937:AI298746

30 R-NT2RP2005815//ESTs//5.5e-76:363:99//Hs.136230:AA594981

R-NT2RP2005835//ESTs//1.5e-100:541:94//Hs.86813:N25122

35 R-NT2RP2005841//ESTs//2.8e-105:556:92//Hs.69993:AA628403

R-NT2RP2005853//EST//2.0e-13:219:70//Hs.134016:AI076062

40 R-NT2RP2005857//ESTs//1.0e-115:576:96//Hs.30663:AI338462

R-NT2RP2005859//ESTs//7.3e-116:571:97//Hs.85986:AA195105

45 R-NT2RP2005868//EST//0.00023:320:61//Hs.149689:AI284133

R-NT2RP2005890//ESTs//1.0e-96:466:98//Hs.122579:AA766315

50 R-NT2RP2005901//ESTs//8.3e-116:548:98//Hs.66296:AI125268

55 R-NT2RP2005908//ESTs, Weakly similar to weakly similar to gastrula zinc finger protein [C.elegans]//2.4e-73:397:94//Hs.16667:T92427

R-NT2RP2005933//ESTs, Highly similar to nucleoporin p54 [R.norvegicus]//2.8e-114:560:97//Hs.9082:AA873170

EP 1 074 617 A2

- R-NT2RP2005942//ESTs//5.6e-117:582:96//Hs.146123:AI338419
- 5 R-NT2RP2005980//ESTs//6.9e-101:478:98//Hs.43145:AA776988
- R-NT2RP2006023//Homo sapiens PYRIN (MEFV) mRNA, complete cds//8.5e-51:398:80//Hs.113283:AF018080
- 10 R-NT2RP2006038//ESTs//0.025:284:59//Hs.97852:AA404347
- R-NT2RP2006043//ESTs, Weakly similar to HYPOTHETICAL 37.0 KD PROTEIN B0495.8 IN CHROMOSOME II [C.elegans]//1.2e-50:278:94//Hs.7194:AI185631
- 15 R-NT2RP2006052//ESTs//5.0e-52:272:95//Hs.99545:AA461492
- R-NT2RP2006069//ESTs//1.8e-90:495:93//Hs.43654:AA522714
- 20 R-NT2RP2006071//ESTs//1.5e-38:218:94//Hs.107882:W72093
- R-NT2RP2006098//ESTs//2.9e-105:540:95//Hs.26860:N56918
- 25 R-NT2RP2006100//Human organic anion transporting polypeptide (OATP) mRNA, complete cds//0.031:254:62//Hs.46440:U21943
- 30 R-NT2RP2006103//ESTs//1.5e-86:416:98//Hs.152114:AA401365
- R-NT2RP2006141//ESTs//5.3e-88:432:98//Hs.77480:AA100522
- 35 R-NT2RP2006166//Homo sapiens LIM protein mRNA, complete cds//2.8e-17:255:72//Hs.154103:AF061258
- R-NT2RP2006184//ESTs//8.4e-101:487:98//Hs.58009:W69435
- 40 R-NT2RP2006186//Homo sapiens mRNA for KIAA0654 protein, partial cds//6.1e-110:553:95//Hs.109299:AB014554
- 45 R-NT2RP2006196//Human clone 23960 mRNA sequence//0.0037:48:100//Hs.151293:U79276
- 50 R-NT2RP2006200//ESTs//6.5e-77:398:96//Hs.163953:R01398
- R-NT2RP2006219//H.sapiens mRNA for DGCR6 protein//1.2e-94:532:90//Hs.153910:X96484
- 55 R-NT2RP2006237//ESTs//1.2e-57:305:95//Hs.86149:AI341312

EP 1 074 617 A2

R-NT2RP2006238//ESTs, Highly similar to rA8 [R.norvegicus]//1.5e-29:183:91//Hs.4048:AA404253

5 R-NT2RP2006258//ESTs//3.2e-87:462:94//Hs.141556:N49928

R-NT2RP2006261//ESTs//3.4e-57:3 26:92//Hs.22523:W02999

10 R-NT2RP2006312//Homo sapiens BAF57 (BAF57) gene, complete cds//4.7e-96:481:97//Hs.3404:AF035262

R-NT2RP2006320//EST//3.4e-21:335:65//Hs.141603:N66015

15

R-NT2RP2006321//ESTs, Moderately similar to karyopherin beta 3 [H.sapiens]//1.9e-89:460:96//Hs.21889:N78664

20 R-NT2RP2006323//ESTs//3.5e-91:439:98//Hs.61697:AI081771

R-NT2RP2006333//ESTs//4.9e-38:301:82//Hs.155999:AA196412

25 R-NT2RP2006334//EST//3.1e-45:264:91//Hs.149599:AI282321

R-NT2RP2006365//ESTs//2.9e-81:417:95//Hs.11814:W44411

30 R-NT2RP2006393//Cytochrome P450, subfamily I (aromatic compound-inducible), polypeptide 2//3.9e-48:403:77//Hs.1361:M55053

35 R-NT2RP2006436//Homo sapiens mRNA for small GTP-binding protein, complete cds//1.4e-27:155:76//Hs.115325:D84488

R-NT2RP2006441//ESTs//6.0e-108:529:97//Hs.101282:N45092

40 R-NT2RP2006454//ESTs//9.2e-20:110:99//Hs.144687:AI341146

R-NT2RP2006456//ESTs//7.1e-91:508:92//Hs.12488:W63595

45 R-NT2RP2006464//Homo sapiens mRNA for AND-1 protein//2.1e-109:524:97//Hs.72160:AJ006266

R-NT2RP2006467//EST//0.99:140:61//Hs.146958:AI174478

50

R-NT2RP2006472//ESTs//3.3e-92:473:95//Hs.29216:AA916679

R-NT2RP2006534//ESTs//1.2e-83:394:99//Hs.162116:AA524947

55

R-NT2RP2006554//ESTs//1.0e-87:460:95//Hs.47095:AA181474

EP 1 074 617 A2

R-NT2RP2006565//ESTs//3.2e-24:129:100//Hs.13499:AI299886

R-NT2RP2006571//ESTs//2.6e-56:306:94//Hs.98370:AA316622

5 R-nnnnnnnnnnn//ESTs//2.0e-112:533:98//Hs.18685:AI393829

R-NT2RP2006598//ESTs, Weakly similar to retinoid X receptor interacting protein
10 [M.musculus]//4.1e-109:542:97//Hs.7889:AI337112

R-NT2RP3000002//ESTs//1.3e-08:399:59//Hs.126044:AI301598

15 R-NT2RP3000031//Homo sapiens mRNA for histone deacetylase-like protein (JM21)//1.9e-116:560:97//Hs.6764:AJ011972

R-NT2RP3000046//Small inducible cytokine A5 (RANTES)//1.9e-57:312:85//Hs.155464:
20 AF088219

R-NT2RP3000047//EST//0.91:130:66//Hs.140208:AA702213

25 R-NT2RP3000050//ESTs, Weakly similar to putative p150 [H.sapiens]//3.1e-41:249:90//Hs.156155:AI222202

R-NT2RP3000055//EST//2.4e-19:146:86//Hs.160497:AI255095

30 R-NT2RP3000072//ESTs//2.2e-82:424:96//Hs.21542:N49574

R-NT2RP3000080//ESTs//2.1e-29:186:89//Hs.153372:AA424029

35 R-NT2RP3000085//ESTs//4.5e-101:482:98//Hs.47649:AA838715

R-NT2RP3000109//ESTs//9.5e-97:455:99//Hs.17731:AI342241

40 R-NT2RP3000134//EST//4.7e-106:497:99//Hs.125531:AA884000

R-NT2RP3000142//Homo sapiens mRNA for KIAA0592 protein, partial cds//1.2e-116:578:
45 96//Hs.13273:AB011164

R-NT2RP3000149//ESTs//7.7e-62:361:90//Hs.6649:N93418

50 R-NT2RP3000186

R-NT2RP3000197//ESTs//1.5e-75:436:91//Hs.140931:R51882

55 R-NT2RP3000207//ESTs//1.3e-98:468:98//Hs.126908:AA933091

R-NT2RP3000220//ESTs//2.2e-27:144:99//Hs.106861:R61306

EP 1 074 617 A2

- R-NT2RP3000233//EST//7.8e-77:368:99//Hs.49075:N64817
- 5 R-NT2RP3000235//ESTs//0.43:82:74//Hs.132828:AI032819
- R-NT2RP3000247//EST//2.2e-97:459:99//Hs.127928:AA969239
- 10 R-NT2RP3000251
- R-NT2RP3000252//ESTs, Weakly similar to Lpg15p [S.cerevisiae]//2.0e-108:532:97//Hs.111086:AI379177
- 15 R-NT2RP3000255//EST//0.67:93:67//Hs.120579:AA743073
- R-NT2RP3000267//ESTs//8.5e-108:542:95//Hs.24984:AA534446
- 20 R-NT2RP3000299//ESTs, Weakly similar to enhancer of filamentation 1 [H.sapiens]//3.6e-103:516:96//Hs.4894:AI191323
- 25 R-NT2RP3000312//ESTs//1.3e-100:493:97//Hs.29379:AI094117
- R-NT2RP3000320//ESTs//3.2e-95:538:91//Hs.118793:AA192438
- 30 R-NT2RP3000324
- R-NT2RP3000333//ESTs//6.0e-39:194:100//Hs.119238:AA476267
- 35 R-NT2RP3000341//ESTs//0.51:251:61//Hs.94090:AA777689
- R-NT2RP3000348//EST//1.8e-80:389:98//Hs.145944:AI276225
- 40 R-NT2RP3000350//ESTs, Weakly similar to Lpg15p [S.cerevisiae]//3.1e-110:556:96//Hs.111086:AI379177
- R-NT2RP3000359//EST//4.9e-61:340:92//Hs.126495:AA913741
- 45 R-NT2RP3000361//ESTs, Weakly similar to PRE-MRNA SPLICING FACTOR PRP6 [S.cerevisiae]//4.8e-91:439:97//Hs.31334:AI144423
- 50 R-NT2RP3000366//EST//0.20:392:57//Hs.149652:AI283303
- R-NT2RP3000397//EST//8.7e-26:150:94//Hs.124617:AA855106
- 55 R-NT2RP3000403//Homo sapiens formin binding protein 21 mRNA, complete cds//4.2e-111:529:98//Hs.28307:AF071185

EP 1 074 617 A2

R-NT2RP3000418//EST//3.3e-09:202:67//Hs.117189:AA682947

R-NT2RP3000433

5 R-NT2RP3000439//ESTs//3.1e-79:426:92//Hs.26548:W26340

R-NT2RP3000441//ESTs//6.3e-84:420:97//Hs.137482:AA421254

10 R-NT2RP3000449//ESTs//4.9e-93:435:99//Hs.54617:AI379102

R-NT2RP3000451//ESTs//2.3e-89:439:97//Hs.9196:AA748492

15 R-NT2RP3000456//Homo Sapiens (clone B3B3E13) chromosome 4p16.3 DNA
fragment//1.8e-23:347:70//Hs.114963:L34408

20 R-NT2RP3000484//Heparin cofactor III//0.98:166:62//Hs.1478:M58600

R-NT2RP3000487//ESTs//0.012:384:60//Hs.88684:AA885141

25 R-NT2RP3000512//Homeo box B3//2.0e-69:377:93//Hs.49931:X16667

R-NT2RP3000526//ESTs//1.6e-91:432:99//Hs.38042:AA187151

30 R-NT2RP3000527//ESTs//1.2e-100:518:94//Hs.104557:AI078161

R-NT2RP3000531//ESTs, Weakly similar to TH1 protein [D.melanogaster]//0.95:85:
71//Hs.5184:AA709151

35 R-NT2RP3000542//ESTs//2.6e-53:375:84//Hs.44158:N30180

R-NT2RP3000561//EST//1.1e-13:170:75//Hs.148421:AI198036

40 R-NT2RP3000562//Human mRNA for KIAA0233 gene, complete cds//0.97:141:68//Hs.79077:
D87071

45 R-NT2RP3000578//ESTs//2.6e-68:324:100//Hs.5445:AA779447

R-NT2RP3000582//ESTs//2.1 e-25:131:80//Hs.152465:AA563785

50 R-NT2RP3000584//ESTs//1.8e-97:460:99//Hs.120698:AI241511

R-NT2RP3000590//ESTs//2.0e-97:453:100//Hs.105355:AA953817

55 R-NT2RP3000592//ESTs//2.8e-91:432:99//Hs.144304:AI190916

R-nnnnnnnnnnnn//Human mRNA for KIAA0314 gene, partial cds//1.5e-09:447:

EP 1 074 617 A2

58//Hs.155045:AB002312

- 5 R-NT2RP3000599//ESTs//3.8e-93:437:99//Hs.23971:AA829880
- R-NT2RP3000605//ESTs//4.2e-111:554:96//Hs.40780:AA422049
- 10 R-NT2RP3000622//ESTs//2.0e-100:473:99//Hs.11387:AI127394
- R-NT2RP3000624//ESTs, Weakly similar to KIAA0256 [H.sapiens]//5.4e-115:545:80//Hs.4857:AI090739
- 15 R-NT2RP3000628//Homo sapiens mRNA for KIAA0772 protein, complete cds//4.3e-49:397:80//Hs.15519:AB018315
- 20 R-NT2RP3000632//ESTs, Moderately similar to cyclin-selective ubiquitin carrier protein [H.sapiens]//6.3e-92:434:99//Hs.152517:AA719022
- R-NT2RP3000644//ESTs//1.0e-44:306:84//Hs.155498:W27084
- 25 R-NT2RP3000661//ESTs//3.1e-95:470:97//Hs.126069:W76185
- R-NT2RP3000665//ESTs//3.3e-95:503:94//Hs.34313:W81185
- 30 R-NT2RP3000685//ESTs//2.7e-99:515:94//Hs.9711:R60873
- R-NT2RP3000690//ESTs//3.3e-88:414:99//Hs.1465 89:AI085578
- 35 R-NT2RP3000736
- R-NT2RP3000742//ESTs, Highly similar to 1-PHOSPHATIDYLINOSITOL-4,5-BISPHOSPHATE PHOSPHODIESTERASE DELTA 1 [Rattus norvegicus]//1.8e-07:114:75//Hs.136065:W21960
- 40 R-NT2RP3000753//ESTs//3.1e-99:461:100//Hs.150901:AI310447
- 45 R-NT2RP3000759//ESTs//2.0e-74:384:95//Hs.104222:AA207243
- R-NT2RP3000815//ESTs//8.5e-97:455:99//Hs.158897:AI378583
- 50 R-NT2RP3000825//EST//0.0089:343:59//Hs.42897:N20810
- R-NT2RP3000826//EST//3.4e-33:342:74//Hs.162236:AA551582
- 55 R-NT2RP3000836//ESTs//6.8e-24:181:84//Hs.134464:AI151081
- R-NT2RP3000841//ESTs//4.5e-93:491:93//Hs.23618:H98082

EP 1 074 617 A2

R-NT2RP3000845//ESTs//2.4e-88:473:93//Hs.8312:AA813022

5 R-NT2RP3000847//ESTs//9.3e-89:460:95//Hs.154106:AI051657

R-NT2RP3000850

10 R-NT2RP3000852//Fibrillin 2//0.55:237:63//Hs.79432:U03272

R-NT2RP3000859//ESTs//1.4e-96:509:94//Hs.7187:AA576895

15 R-NT2RP3000865//EST//4.8e-23:461:66//Hs.162088:AA505741

R-NT2RP3000868//ESTs//5.4e-78:430:93//Hs.102796:N70837

20 R-NT2RP3000869//ESTs//8.5e-77:397:94//Hs.84484:AI014673

R-NT2RP3000875//Mevalonate kinase//3.8e-78:531:84//Hs.75138:M88468

25 R-NT2RP3000901//ESTs//2.1e-95:466:97//Hs.10647:AA428217

R-NT2RP3000904//ESTs//1.6e-79:380:99//Hs.100850:AA479385

30 R-NT2RP3000917//ESTs, Highly similar to mouse Dhml protein [M.musculus]//9.5e-113:566:96//Hs.5900:AA035728

R-NT2RP3000919

35 R-NT2RP3000968//40S RIBOSOMAL PROTEIN S15A//1.5e-25:375:71//Hs.2953:X84407

R-NT2RP3000980//ESTs//3.3e-72:364:96//Hs.9536:AA114178

40 R-NT2RP3000994//ESTs//3.5e 111:537:97//Hs.21146:AA683542

R-NT2RP3001004//ESTs//9.6e-91:456:96//Hs.58974:W87405

45 R-NT2RP3001007//ESTs//6.7e-99:482:97//Hs.117737:AI088029

R-NT2RP3001055//ESTs//0.0012:294:60//Hs.66479:AA863044

50 R-NT2RP3001057//ESTs, Highly similar to ZINC FINGER PROTEIN HF.12 [Homo sapiens]//5.6e-102:486:99//Hs.145956:AA007349

55 R-NT2RP3001081//Retinal pigment epithelium-specific protein (65kD)//0.0012:447:58//Hs.2133:U18991

EP 1 074 617 A2

R-NT2RP3001084//ESTs//4.3e-102:528:96//Hs.25277:W87874

5 R-NT2RP3001096//ESTs//1.1e-110:540:96//Hs.42824:AA873182

R-NT2RP3001107//ESTs//7.6e-100:478:98//Hs.99669:AA287832

10 R-nnnnnnnnnnnn//DNA polymerase gamma//0.0014:50:100//Hs.80961:U60325

R-NT2RP3001111//ESTs, Weakly similar to Trf-proximal protein [D.melanogaster]//3.2e-104:543:95//Hs.93796:C06063

15 R-NT2RP3001113//ESTs//3.3e-100:467:99//Hs.97757:AA401575

R-NT2RP3001115//Oxytocin receptor//7.9e-30:505:67//Hs.2820:X64878

20 R-NT2RP3001116//ESTs//4.6e-41:229:96//Hs.58412:W74779

R-NT2RP3001119//ESTs//6.9e-88:478:92//Hs.19469:AA203180

25 R-NT2RP3001120//ESTs//3.1e-82:430:93//Hs.110956:AI190166

R-NT2RP3001126//ESTs//4.4e-52:264:96//Hs.25264:R78188

30 R-NT2RP3001133//ESTs//4.7e-105:541:94//Hs.73239:AA573761

R-NT2RP3001140//Homo sapiens mRNA for KIAA0762 protein, partial cds//2.6e-115:549:97//Hs.5378:AB018305

35 R-NT2RP3001147//ESTs, Highly similar to GTPASE ACTIVATING PROTEIN ROTUND [Drosophila melanogaster]//9.6e-113:552:97//Hs.23900:U82984

40 R-NT2RP3001150//ESTs//2.9e-90:444:97//Hs.99601:AA760717

R-NT2RP3001155//Homo sapiens mRNA for AND-1 protein//9.4e-118:563:98//Hs.72160:AJ006266

45 R-NT2RP3001176//ESTs//1.8e-110:534:98//Hs.58650:AI074460

R-NT2RP3001214//ESTs//1.7e-109:545:96//Hs.24481:AA573139

50 R-NT2RP3001216//EST//0.00098:128:66//Hs.160493:AI254963

R-NT2RP3001221//EST//0.010:106:66//Hs.147774:AI221196

55 R-NT2RP3001232//ESTs//1.5e-101:518:94//Hs.21630:AA778399

EP 1 074 617 A2

- R-NT2RP3001236//ESTs, Highly similar to KIAA0377 [H.sapiens]//2.8e-89:462:95//Hs.116793:AA779588
- 5 R-NT2RP3001239//ESTs, Moderately similar to NEURAXIN [Rattus norvegicus]//5.2e-82:466:91//Hs.66048:AA524416
- 10 R-NT2RP3001245//EST//0.53:237:62//Hs.161131:AI417631
- R-NT2RP3001253//ESTs//1.7e-105:535:96//Hs.42315:AI222997
- 15 R-NT2RP3001260//EST//0.16:144:62//Hs.126856:AA932135
- R-NT2RP3001268//Human Aac11(aac11) mRNA, complete cds//0.12:494:59//Hs.151031:U83857
- 20 R-NT2RP3001272//ESTs//1.4e-92:436:99//Hs.149831:AI383965
- R-NT2RP3001274//ESTs//3.9e-81:424:95//Hs.1113184:N25651
- 25 R-NT2RP3001281//EST//3.1e-60:298:98//Hs.149230:AI247332
- R-NT2RP3001307//EST//0.42:215:62//Hs.126165:AA868691
- 30 R-NT2RP3001318//ESTs//4.1e-74:363:97//Hs.130832:H92571
- R-NT2RP3001325//ESTs//1.7e-106:534:96//Hs.21214:H98989
- 35 R-NT2RP3001338//Human protein tyrosine phosphatase sigma mRNA, complete cds//0.22:199:63//Hs.159534:U35234
- 40 R-NT2RP3001339//Homo sapiens mRNA for KIAA0451 protein, complete cds//3.9e-114:566:96//Hs.18586:AB007920
- R-NT2RP3001340//ESTs//1.1e-72:411:92//Hs.21135:W81653
- 45 R-NT2RP3001355//ESTs//9.0e-103:521:95//Hs.99486:AA776798
- R-NT2RP3001374//ESTs//2.7e-82:395:98//Hs.117102:AA993090
- 50 R-NT2RP3001383//ESTs//3.6e-10:118:78//Hs.111055:AA169778
- R-NT2RP3001384//ESTs, Weakly similar to A-kinase anchor protein 95, AKAP95 [R.norvegicus]//5.7e-92:522:90//Hs.96200:AA218942
- 55 R-NT2RP3001392//ESTs//5.9e-62:296:100//Hs.125034:AA907375

EP 1 074 617 A2

R-NT2RP3001396//ESTS//3.7e-111:528:98//Hs.22612:AA152232

5 R-NT2RP3001398//ESTs//2.6e-94:449:99//Hs.146332:AI276628

R-NT2RP3001399//ESTs//2.6e-82:401:97//Hs.7932:AI041186

10 R-NT2RP3001407//ESTs//2.2e-101:488:97//Hs.71573:AA496898

R-NT2RP3001420//EST//7.4e-44:394:79//Hs.137041:AA877817

15 R-NT2RP3001426//Homo sapiens clone 24616 mRNA sequence//3.6e-106:550:94//Hs.6957:AF052158

R-NT2RP3001427//ESTs//1.3e-87:374:97//Hs.5457:H05692

20 R-nnnnnnnnnnnnn//Neurotrophic tyrosine kinase, receptor, type 1//4.7e-96:533:91//Hs.85844:X66397

R-NT2RP3001432//ESTs//1.9e-102:523:95//Hs.132978:AI041374

25 R-NT2RP3001447//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//5.1e-101:482:98//Hs.124135:AA910560

30 R-NT2RP3001449//ESTs//2.2e-99:502:96//Hs.7834:N45994

R-NT2RP3001453//Small inducible cytokine A5 (RANTES)//8.1e-45:295:85//Hs.155464:AF088219

35 R-NT2RP3001457//ESTs//1.5e-52:256:99//Hs.117982:AA644658

R-NT2RP3001459//ESTs//3.4e-62:299:99//Hs.146098:AA167280

40 R-NT2RP3001472//ESTs//4.8e-108:540:96//Hs.69594:N37009

R-NT2RP3001490//ESTs//3.5e-91:549:88//Hs.6606:AA211783

45 R-NT2RP3001495//Human oxidoreductase (HHCMA56) mRNA, complete cds//1.4e-61:338:93//Hs.519:U13395

50 R-NT2RP3001497//Homo sapiens multiple membrane spanning receptor TRC8 (TRC8) mRNA, complete cds//6.8e-112:549:9711Hs.28285:AF064801

55 R-NT2RP3001527//ESTs//4.4e-105:543:95//Hs.158761:AA631047

R-NT2RP3001529//Homo sapiens tapasin (NGS-17) mRNA, complete cds//7.9e-59:427:83//Hs.5247:AF029750

EP 1 074 617 A2

- R-NT2RP3001538//ESTs//1.6e-94:521:92//Hs.6846:AA209463
- 5 R-NT2RP3001554//ESTs, Moderately similar to NEURAXIN [Rattus norvegicus]//2.8e-76:392:95//Hs.66048:AA524416
- R-NT2RP3001580//ESTs//3.7e-82:398:98//Hs.23490:N49477
- 10 R-NT2RP3001587//Homo sapiens mRNA for HRIHFB2115, partial cds//1.8e-09:86:88//Hs.4311:AB015337
- 15 R-NT2RP3001589//ESTs//0.0029:243:62//Hs.158924:AA605194
- R-NT2RP3001607//EST//0.00096:76:78//Hs.140319:AA748328
- 20 R-NT2RP3001608//ESTs//3.8e-105:525:96//Hs.144655:AI279798
- R-NT2RP3001621//ESTs//3.3e-108:535:97//Hs.47378:AI193598
- 25 R-NT2RP3001629
- R-NT2RP3001634//Homo sapiens TRIAD1 type I mRNA, complete cds//2.7e-109:541:96//Hs.9899:AF099149
- 30 R-NT2RP3001642//ESTs//6.0e-105:525:96//Hs.3376:AA915989
- R-NT2RP3001646//ESTs//4.8e-95:523:92//Hs.64036:AA127709
- 35 R-NT2RP3001671//ESTs//0.0013:367:60//Hs.106090:AA457030
- R-NT2RP3001672//ESTs//3.4e-37:191:98//Hs.57475:AI382189
- 40 R-NT2RP3001676//ESTs//1.5e-81:408:97//Hs.142547:N67648
- R-NT2RP3001678//ESTs//4.3e-85:405:99//Hs.121915:AI268225
- 45 R-NT2RP3001679//ESTs//3.4e-100:545:93//Hs.5943:AI222558
- R-NT2RP3001688//Human mRNA for KIAA0392 gene, partial cds//8.6e-46:301:87//Hs.40100:AB002390
- 50 R-NT2RP3001690//ESTs//3.3e-111:542:97//Hs.86149:AI341312
- 55 R-NT2RP3001708//ESTs//1.4e-96:349:95//Hs.17975:AA868618
- R-NT2RP3001712//ESTs//9.3e-14:102:92//Hs.78041:N29669

EP 1 074 617 A2

- 5 R-NT2RP3001716//ESTs, Highly similar to BONE MORPHOGENETIC PROTEIN 1
PRECURSOR [Mus musculus]//4.1e-80:444:91//Hs.6823:W18181
- R-NT2RP3001724//ESTs//1.8e-109:547:96//Hs.14570:AI422099
- 10 R-NT2RP3001730//ESTs//4.1e-98:528:92//Hs.155115:AA669923
- R-NT2RP3001739//ESTs//4.4e-87:444:94//Hs.27239:W27810
- 15 R-NT2RP3001752//ESTs//6.1e-93:490:94//Hs.4210:AA740440
- R-NT2RP3001753//ESTs//2.5e-82:395:99//Hs.126435:AA912968
- 20 R-NT2RP3001764//ESTs, Weakly similar to protein-tyrosine phosphatase [H.sapiens]//1.2e-
87:450:96//Hs.20281:N92517
- R-NT2RP3001777//ESTs//1.1e-86:360:97//Hs.100530:H06725
- 25 R-NT2RP3001782//Homo sapiens mRNA for KIAA0459 protein, partial cds//4.2e-113:549:
97//Hs.28169:AB007928
- 30 R-NT2RP3001792//ESTs, Weakly similar to F35C12.2 [C.elegans]//1.1e-21:119:
99//Hs.44268:AA455900
- R-NT2RP3001799//OX40L RECEPTOR PRECURSOR//2.8e-45:374:79//Hs.129780:X75962
- 35 R-NT2RP3001819//ESTs//2.6e-87:432:96//Hs.10414:AI291292
- R-NT2RP3001844//ESTs//0.024:128:67//Hs.25131:N50117
- 40 R-NT2RP3001854//ESTs//1.4e-92:490:92//Hs.15165:N52900
- R-NT2RP3001855//ESTs//1.9e-66:361:93//Hs.10043:D81792
- 45 R-NT2RP3001896//ESTs//1.4e-96:343:97//Hs.24809:N73642
- R-NT2RP3001898//ESTs//4.1e-90:515:91//Hs.4867:AA521180
- 50 R-NT2RP3001915//ESTs//4.4e-32:175:95//Hs.24641:AA954666
- 55 R-NT2RP3001926//ESTs, Highly similar to NUCLEOLYSIN TIA-1 [Homo sapiens]//1.0e-40:
202:100//Hs.24709:AI123300
- R-NT2RP3001929//ESTs//6.6e-84:449:94//Hs.26962:AA682781

EP 1 074 617 A2

R-NT2RP3001931//ESTs//1.0e-41:214:99//Hs.32360:AA534737

5 R-NT2RP3001938//ESTs, Highly similar to SPORULATION-SPECIFIC PROTEIN 1
[Saccharomyces cerevisiae]//1.3e-95:483:96//Hs.5771:W74591

R-NT2RP3001943//ESTs//1.2e-23:169:88//Hs.103930:AA160990

10 R-NT2RP3001944//ESTs//2.0e-90:439:97//Hs.103380:AI291325

R-NT2RP3001969//ESTs//0.95:133:65//Hs.131669:AI025889

15 R-NT2RP3001989//ESTs, Weakly similar to C01A2.4 [C.elegans]//8.9e-64:310:99//Hs.11449:
AI201540

20 R-NT2RP3002002//ESTs//2.1e-95:562:89//Hs.5997:AA897088

R-NT2RP3002004//H.sapiens mRNA for FAST kinase//1.6e-42:335:82//Hs.75087:X86779

25 R-NT2RP3002007//ESTs//0.12:184:66//Hs.94030:AA846729

R-NT2RP3002014//Small inducible cytokine A5 (RANTES)//6.8e-47:291:89//Hs.155464:
AF088219

30 R-NT2RP3002033

R-NT2RP3002045//ESTs//1.0e-92:555:88//Hs.106411:W29081

35 R-NT2RP3002054//EST//0.45:155:63//Hs.5656:D20426

R-NT2RP3002056//ESTs//1.4e-95:504:93//Hs.17428:AI365221

40 R-NT2RP3002057//Human mRNA for KIAA0152 gene, complete cds//0.69:127:66//Hs.90438:
D63486

45 R-NT2RP3002062

R-nnnnnnnnnnnnn//ESTs//2.1e-113:552:97//Hs.9591:AA069657

50 R-NT2RP3002081//ESTs//5.5e-43:212:100//Hs.124852:AA969139

R-NT2RP3002097//EST//2.3e-10:80:91//Hs.102717:N59148

55 R-NT2RP3002102

R-NT2RP3002108

EP 1 074 617 A2

- R-NT2RP3002146//ESTs//5.5e-58:296:97//Hs.65328:AA625385
- R-NT2RP3002147//EST//2.5e-53:387:81//Hs.147928:M249703
- 5 R-NT2RP3002151//ESTs, Highly similar to G1 TO S PHASE TRANSITION PROTEIN 1
HOMOLOG [Homo sapiens]//6.2e-107:534:96//Hs.59523:AA602837
- 10 R-NT2RP3002163//ESTs//2.7e-106:520:97//Hs.21258:AA412293
- R-NT2RP3002165//ESTs//7.4e-93:479:95//Hs.27299:AI074024
- 15 R-NT2RP3002166//ESTs//1.0:261:59//Hs.132817:AA593713
- R-NT2RP3002173//ESTs//2.7e-93:512:92//Hs.23648:H07120
- 20 R-NT2RP3002181//ESTs//1.0e-84:435:96//Hs.47378:AI193598
- R-NT2RP3002244//ESTs//2.7e-11:97:89//Hs.9412:W72446
- 25 R-NT2RP3002248//ESTs//4.3e-90:459:95//Hs.9848:AA130588
- R-NT2RP3002255//ESTs//1.3e-45:289:88//Hs.9100:AA431672
- 30 R-NT2RP3002273//ESTs//2.3e-100:489:97//Hs.8258:AA744743
- R-NT2RP3002276//ESTs//1.2e-50:306:91//Hs.16160:AA778171
- 35 R-NT2RP3002303//ESTs//1.1e-67:323:99//Hs.129761:AA836898
- R-NT2RP3002304//ESTs//2.8e-86:405:99//Hs.29643:AA418500
- 40 R-NT2RP3002330//ESTs, Weakly similar to G1 TO S PHASE TRANSITION PROTEIN 1
HOMOLOG [H.sapiens]//1.8e-19:136:87//Hs.106928:AI041737
- R-NT2RP3002343//ESTs//1.0e-42:260:93//Hs.7797:W25667
- 45 R-NT2RP3002351//Homo sapiens 9G8 splicing factor mRNA, complete cds//0.0048:221:
64//Hs.556:L41887
- 50 R-NT2RP3002352//Homo sapiens mRNA for protein encoded by cxorf5 (71-7A) gene//5.8e-
105:516:94//Hs.6483:Y16355
- 55 R-NT2RP3002455//Homo sapiens mRNA for KIAA0678 protein, partial cds//1.5e-103:524:
95//Hs.12707:AB014578
- R-NT2RP3002484//Human APRT gene for adenine phosphoribosyltransferase//0.54:108:

EP 1 074 617 A2

71//Hs.28914:Y00486

R-NT2RP3002501//ESTs//2.7e-96:489:95//Hs.27335:N74185

5

R-NT2RP3002512//ESTs, Weakly similar to HYPOTHETICAL 31.0 KD PROTEIN R107.2 IN CHROMOSOME III [C.elegans]//3.2e-90:526:90//Hs.8083:AA521436

10

R-NT2RP3002529//ESTs, Highly similar to PUTATIVE VACUOLAR PROTEIN SORTING-ASSOCIATED PROTEIN C2G11.03C [Schizosaccharomyces pombe]//3.8e-101:497:96//Hs.6650:AA843246

15

R-NT2RP3002545//Homo sapiens mRNA for KIAA0729 protein, partial cds//1.1e-83:438:94//Hs.19542:AB018272

R-NT2RP3002549//ESTs//3.8e-98:493:96//Hs.7358:AA191673

20

R-NT2RP3002566//Homo sapiens calcium-activated potassium channel (KCNN3) mRNA, complete cds//0.14:184:63//Hs.89230:AF031815

25

R-NT2RP3002587//Homo sapiens KIAA0420 mRNA, complete cds//2.0e-18:138:78//Hs.129883:AB007880

R-NT2RP3002590//ESTs//2.9e-51:290:93//Hs.162942:AI243850

30

R-NT2RP3002602//Homo sapiens stannin mRNA, complete cds//5.5e-06:58:100//Hs.76691:AF070673

35

R-NT2RP3002603

R-NT2RP3002631//ESTs//4.8e-54:367:85//Hs.13109:AA192514

40

R-NT2RP3002659//ESTs//5.3e-30:229:85//Hs.152114:AA401365

R-NT2RP3002660//ESTs//1.9e-88:452:95//Hs.120146:AA708573

45

R-NT2RP3002663//EST//3.2e-89:469:95//Hs.105767:AA525172

R-NT2RP3002671//ESTs, Highly similar to ELONGATION FACTOR 2 [Drosophila melanogaster]//5.9e-109:537:97//Hs.19348:AA151678

50

R-NT2RP3002682//ESTs//2.3e-98:541:91//Hs.75844:AA115502

R-NT2RP3002687//ESTs//5.5e-103:498:97//Hs.72782:AA910871

55

R-NT2RP3002688//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//5.0e-101:524:95//Hs.32580:AI123601

EP 1 074 617 A2

R-NT2RP3002701//EST//0.87:131:63//Hs.161916:AA483169

5 R-NT2RP3002713//ESTs//4.7e-106:542:95//Hs.14479:AA160945

R-NT2RP3002763//ESTs//1.3e-54:290:94//Hs.142031:AA809159

10 R-NT2RP3002770//ESTs//0.047:275:61//Hs.122984:AA526973

R-NT2RP3002785//ESTs//2.4e-52:255:99//Hs.132959:AI376958

15 R-NT2RP3002799//EST//8.2e-61:321:94//Hs.140992:R71377

R-NT2RP3002810//EST//0.19:116:68//Hs.121810:AA775240

20 R-NT2RP3002818//ESTs//1.3e-109:531:98//Hs.58924:AI348080

R-NT2RP3002861//ESTs//2.5e-84:429:95//Hs.23920:AA909678

25 R-NT2RP3002869//EST//0.00011:116:71//Hs.161606:AA019641

R-NT2RP3002876//ESTs//0.0024:182:63//Hs.117306:AA687262

30 R-NT2RP3002877//Homo sapiens X-ray repair cross-complementing protein 2 (XRCC2) mRNA, complete cds//8.1e-14:146:72//Hs.129727:AF035587

R-NT2RP3002909//Homo sapiens mRNA for KIAA0771 protein, partial cds//1.5e-110:570:95//Hs.6162:AB018314

35 R-NT2RP3002911//ESTs//3.6e-92:436:99//Hs.143917:AI206286

40 R-NT2RP3002948//EST//1.0:102:65//Hs.144730:AI191975

R-NT2RP3002953//ESTs//1.8e-107:513:98//Hs.119693:AI201698

45 R-NT2RP3002955//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0492//0.23:563:56//Hs.127338:AB007961

50 R-NT2RP3002969//ESTS, Weakly similar to LONG-CHAIN-FATTY-ACID-COA LIGASE 1 [Saccharomyces cerevisiae]112.0e-56:387:86//Hs.144597:W20143

R-NT2RP3002972//ESTs//1.7e-97:502:96//Hs.7274:AA476850

55 R-NT2RP3002978//ESTs//8.6e-104:498:98//Hs.118923:AA252116

R-NT2RP3002988//EST//1.2e-59:315:94//Hs.157743:AI360553

EP 1 074 617 A2

R-NT2RP3003008//ESTs//1.4e-97:515:94//Hs.6544:AA524423

5 R-NT2RP3003032//ESTs, Weakly similar to RETROVIRUS-RELATED POL POLYPROTEIN
[Mus musculus]//3.0e-100:528:94//Hs.90353:N98551

10 R-NT2RP3003059//ESTs//1.7e-76:398:95//Hs.102971:W05355

R-NT2RP3003061//ESTs//4.9e-82:414:96//Hs.99603:AI141912

15 R-NT2RP3003068//ESTs, Weakly similar to M18.3 [C.elegans]//5.9e-83:392:99//Hs.101364:
AA534439

R-NT2RP3003071//ESTs//6.3e-85:399:99//Hs.109755:AA180809

20 R-NT2RP3003078//ESTs//1.0e-98:471:99//Hs.7995:AI359466

R-NT2RP3003101//EST//0.032:235:60//Hs.147920:AI202441

25 R-NT2RP3003121//ESTs//3.0e-47:238:97//Hs.43559:AI003520

R-NT2RP3003133//EST//1.5e-77:395:96//Hs.142150:AA223982

30 R-NT2RP3003138//ESTs, Highly similar to KINESIN-LIKE PROTEIN KIF4 [Mus
musculus]//3.3e-107:535:96//Hs.27437:AA004208

35 R-NT2RP3003139//ESTs//2.5e-106:504:98//Hs.106795:AI271632

R-NT2RP3003150//ESTs//1.6e-99:539:91//Hs.46500:AA129774

40 R-NT2RP3003157//ESTs//1.5e-114:563:97//Hs.58608:AA081007

R-NT2RP3003185//ESTs//3.9e-93:443:98//Hs.9741:AI131226

45 R-NT2RP3003193//ESTs//2.0e-37:428:71//Hs.33354:AA179944

R-NT2RP3003197//ESTs//5.8e-56:312:94//Hs.7016:AA215796

50 R-NT2RP3003203//EST//0.0073:212:63//Hs.161355:AI422634

R-NT2RP3003204//ESTs//7.4e-52:253:99//Hs.120146:AA708573

55 R-NT2RP3003212//ESTs//1.8e-76:401:95//Hs.29067:N26107

R-NT2RP3003230//ESTs, Highly similar to CORONIN [Dictyostelium discoideum]//2.0e-40:
229:93//Hs.17377:AI078151

EP 1 074 617 A2

R-NT2RP3003242//ESTs//8.3e-97:458:99//Hs.23057:AI290343

5 R-NT2RP3003251//ESTs//1.5e-60:320:95//Hs.36495:AA151628

R-NT2RP3003264//ESTs//2.1e-103:521:95//Hs.4094:AA173960

10 R-NT2RP3003278//ESTs//8.2e-109:536:96//Hs.23788:AA524061

R-NT2RP3003282//Homo sapiens dynamin (DNM) mRNA, complete cds//2.4e-102:550:93//Hs.11702:L36983

15 R-NT2RP3003290//EST//4.3e-27:372:70//Hs.159131:AI384035

R-NT2RP3003301//ESTs//4.4e-56:285:97//Hs.95370:AA601055

20 R-NT2RP3003302//EST//7.2e-10:395:63//Hs.162554:AA584818

R-NT2RP3003311//ESTs//4.2e-110:538:97//Hs.62180:AI341261

25 R-NT2RP3003313//ESTs//2.1e-106:531:96//Hs.22630:C05931

R-NT2RP3003327//ESTs//4.3e-102:518:95//Hs.120355:AA625445

30 R-NT2RP3003330//ESTs//8.6e-104:497:97//Hs.72071:AI125289

R-NT2RP3003344//ESTs//2.5e-105:494:99//Hs.112188:AA872993

35 R-NT2RP3003346//ESTs//1.0:123:69//Hs.116029:AA813102

R-NT2RP3003353//EST//0.0014:162:68//Hs.149191:AI246155

40 R-NT2RP3003377//EST//4.5e-15:119:85//Hs.148129:AA885567

R-NT2RP3003384//EST//0.0057:86:74//Hs.127735:AA962272

45 R-NT2RP3003385//ESTs//0.64:347:59//Hs.5646:W72721

R-NT2RP3003403//ESTs, Weakly similar to LINE-1 REVERSE TRANSCRIPTASE HOMOLOG [H.sapiens]//2.2e-24:418:67//Hs.139488:AI124095

50 R-NT2RP3003409//ESTs//5.3e-98:479:97//Hs.155198:AA767372

55 R-NT2RP3003411//ESTs//4.8e-86:416:97//Hs.129059:AA126041

R-NT2RP3003427//ESTs//7.4e-103:510:96//Hs.25303:AA641023

EP 1 074 617 A2

- R-NT2RP3003433//ESTs//3.5e-85:405:99//Hs.63131:AA664156
- 5 R-NT2RP3003464//Homo sapiens rab3-GAP regulatory domain mRNA, complete cds//3.6e-97:479:96//Hs.14934:AF004828
- 10 R-NT2RP3003490//Homo sapiens mRNA for KIAA0725 protein, partial cds//4.1e-102:527:93//Hs.26450:AB018268
- 15 R-NT2RP3003491//ESTs, Weakly similar to No definition line found [C.elegans]//4.0e-106:549:94//Hs.7886:AI057529
- R-NT2RP3003500//Human RP3 mRNA, complete cds//0.66:401:60//Hs.75307:U02556
- 20 R-NT2RP3003543//Human clone A9A2BRB7 (CAC)n/(GTG)n repeat-containing mRNA//4.1e-33:217:88//Hs.8068:U00952
- R-NT2RP3003552//ESTs//3.1e-106:546:94//Hs.101754:AI123430
- 25 R-NT2RP3003555//ESTs//3.4e-106:537:95//Hs.85550:AA187681
- R-NT2RP3003564
- 30 R-NT2RP3003572//ESTs//1.2e-20:122:88//Hs.8253:N48721
- R-NT2RP3003576//ESTs//2.7e-71:394:94//Hs.151136:R99944
- 35 R-NT2RP3003589//EST//0.58:242:59//Hs.130804:AA894759
- R-NT2RP3003625//ESTs//7.6e-41:349:80//Hs.140608:N53448
- 40 R-NT2RP3003656//Human LIM protein (LPP) mRNA, partial cds//0.26:222:60//Hs.17217:U49957
- 45 R-NT2RP3003659//ESTs//2.0e-113:547:97//Hs.23389:AA769310
- R-NT2RP3003665//ESTs//1.6e-80:415:95//Hs.141084:H11714
- R-NT2RP3003672
- 50 R-NT2RP3003686//ESTs//6.8e-114:552:97//Hs.43299:N23036
- R-NT2RP3003701//ESTs//2.1e-16:282:66//Hs.115512:AI208768
- 55 R-NT2RP3003716//ESTs//2.1e-45:195:91//Hs.41296:N71923

EP 1 074 617 A2

R-NT2RP3003726//Homo sapiens mRNA for KIAA0757 protein, complete cds//5.6e-103:492:97//Hs.48513:AB018300

5 R-NT2RP3003746//ESTs//1.9e-85:411:98//Hs.54835:AI050863

R-NT2RP3003795//EST//6.2e-97:459:99//Hs.134769:AI089747

10 R-NT2RP3003799//ESTs//2.8e-62:337:94//Hs.124023:H18913

R-NT2RP3003800//PROTO-ONCOGENE TYRO SINE-PROTEIN KINASE SRC//8.9e-108:551:95//Hs.115742:AF077754

15

R-NT2RP3003805//ESTs//2.2e-103:490:99//Hs.9412:W72446

20 R-NT2RP3003809//ESTs, Highly similar to SAV PROTEIN [Sulfolobus acidocaldarius]//3.4e-89:456:95//Hs.5555:AI285198

R-NT2RP3003819//Interleukin 10//3.3e-43:173:89//Hs.2180:M57627

25 R-NT2RP3003825//ESTs//1.6e-66:485:80//Hs.7405:W27761

R-NT2RP3003828//ESTs, Weakly similar to unknown.[H.sapiens]//9.6e-98:511:95//Hs.26955:AI333224

30

R-NT2RP3003831//ESTs//2.2e-38:317:79//Hs.142173:AA757743

35 R-NT2RP3003833//Homo sapiens clones 24718 and 24825 mRNA sequence//5.2e-110:541:97//Hs.25300:AF070611

R-NT2RP3003842//EST//9.9e-44:506:70//Hs.139093:AA166888

40 R-NT2RP3003846//ESTs//4.6e-10:66:100//Hs.74924:AI332962

R-NT2RP3003870//ESTs//3.4e-82:449:92//Hs.122691:AA152298

45 R-NT2RP3003876//ESTs//1.9e-89:449:96//Hs.45046:N40170

R-NT2RP3003914//ESTs//1.3e-99:470:98//Hs.118966:AA926726

50 R-NT2RP3003918//ESTs//1.3e-79:417:94//Hs.5005:W25933

R-NT2RP3003932//ESTs//6.0e-83:427:94//Hs.93581:H50221

55 R-NT2RP3003989//ESTs//4.8e-76:403:93//Hs.127243:W80409

R-NT2RP3003992//ESTs//2.4e-88:508:90//Hs.134200:D19593

EP 1 074 617 A2

R-NT2RP3 004013//ESTs//3.7e-111:551:97//Hs.105108:AA781142

5 R-NT2RP3004016//ESTs//1.7e-81:394:98//Hs.63368:AA613714

R-NT2RP3004041

10 R-NT2RP3004051//ESTs//3.5e-69:386:93//Hs.51347:T72820

R-NT2RP3004070//ESTs//5.5e-108:552:9511Hs.23392:AI310139

15 R-NT2RP3004078//ESTs//3.3e-82:443:93//Hs.26407:W4537

R-NT2RP3004093//ESTs//4.4e-83:426:94//Hs.140932:AI262104

20 R-NT2RP3004095//ESTs//0.00013:93:78//Hs.36567:AA262045

R-NT2RP3004110//ESTs, Weakly similar to similar to oxysterol-binding proteins: partial CDS
[C.elegans]//3.5e-76:402:95//Hs.55847:W31092

25 R-NT2RP3004125//ESTs//9.3e-74:363:97//Hs.32988:C01696

R-NT2RP3004145//ESTs//2.6e-96:451:99//Hs.59584:AA587334

30 R-NT2RP3004148//ESTs//1.3e-10:77:92//Hs.135890:AI183425

R-NT2RP3004155//ESTs//1.7e-110:558:96//Hs.27003:AI279093

35 R-NT2RP3004206//ESTs, Moderately similar to CROOKED NECK PROTEIN [Drosophila
melanogaster]//1.8e-40:200:100//Hs.26089:AA195126

40 R-NT2RP3004207//ESTs, Weakly similar to gene SEZ-6 [M.musculus]//1.1e-41:266:
89//Hs.6314:AA522619

R-NT2RP3004209//ESTs, Highly similar to PUTATIVE UBIQUITIN CARBOXYL-TERMINAL
45 HYDROLASE C13A11.04C [Schizosaccharomyces pombe]//3.7e-112:547:97//Hs.99819:
AI346680

R-NT2RP3004215//ESTs//1.1e-103:541:95//Hs.124918:N64794

50 R-NT2RP3004242//ESTs//4.5e-105:524:96//Hs.29724:N46252

R-NT2RP3004246//EST//1.9e-07:67:91//Hs.125687:AA884827

55 R-NT2RP3004253//EST//2.9e-88:454:94//Hs.127713:AA961628

EP 1 074 617 A2

R-NT2RP3004258//ESTs, Weakly similar to PRE-MRNA SPLICING FACTOR SRP75 [Homo sapiens]//1.6e-89:468:95//Hs.5117:AA831530

5 R-NT2RP3004262//ESTs//4.1e-86:443:96//Hs.101393:T87623

R-NT2RP3004334//EST//0.00057:206:63//Hs.149388:AI273630

10 R-NT2RP3004341//EST//0.00042:151:68//Hs.148498:AI200264

R-NT2RP3004348//Homo sapiens LIM protein mRNA, complete cds//5.9e-61:299:85//Hs.154103:AF061258

15

R-NT2RP3004349//EST//3.6e-42:175:88//Hs.161917:AA483223

R-NT2RP3004378//ESTs//0.27:294:60//Hs.66479:AA863044

20

R-NT2RP3004399//ESTs//5.8e-99:479:98//Hs.120234:AA732224

R-NT2RP3004424//EST, Highly similar to F21G4.6 [C.elegans]//0.30:253:58//Hs.97184:AA385934

25

R-NT2RP3004428//ESTs//2.8e-48:279:91//Hs.106826:W25985

30

R-NT2RP3004451//ESTs//4.8e-101:509:96//Hs.29725:W74621

R-NT2RP3004454//Homo sapiens mRNA for KIAA0448 protein, complete cds//9.3e-108:526:98//Hs.27349:AB007917

35

R-NT2RP3004466//ESTs//0.25:51:90//Hs.7778:AA195616

R-NT2RP3004470//EST//0.032:70:71//Hs.147925:AI249332

40

R-NT2RP3004472//ESTs//0.0069:430:59//Hs.116651:AA993406

R-NT2RP3004475//Homo sapiens mRNA for KIAA0456 protein, partial cds//5.0e-107:521:97//Hs.5003:AB007925

45

R-NT2RP3004480

50

R-NT2RP3004490//ESTs//4.7e-68:354:95//Hs.163721:H42504

R-NT2RP3004498//ESTs, Moderately similar to ORF2: function unknown [H.sapiens]//3.4e-100:508:95//Hs.47393:AA218858

55

R-NT2RP3004503//ESTs//4.6e-90:478:93//Hs.133998:AA994735

EP 1 074 617 A2

R-NT2RP3004504//ESTs, Highly similar to cytoplasmic polyadenylation element-binding protein [M.musculus]/1.8e-83:465:92//Hs.137064:AA318257

5 R-NT2RP3004507//ESTs//1.5e-98:495:96//Hs.128905:AI051971

R-NT2RP3004527//EST//1.6e-109:535:97//Hs.149481:AI279865

10 R-nnnnnnnnnnnnn

R-NT2RP3004544//EST//0.035:226:60//Hs.99195:AA449232

15 R-NT2RP3004566//ESTs//4.1e-86:455:95//Hs.13110:T67461

R-NT2RP3004569//ESTs//2.9e-94:493:94//Hs.24948:AA977674

20 R-NT2RP3004572//ESTs//1.1e-92:437:99//Hs.24846:AI420493

R-NT2RP3004578//ESTs//0.98:166:64//Hs.124593:AA854456

25 R-NT2RP3004594//EST//5.8e-89:426:98//Hs.134213:AI080213

R-NT2RP3004617//ESTs//1.4e-40:226:85//Hs.15921:R71157

30 R-NT2RP3004618//ESTs//1.8e-38:229:90//Hs.125153:AA453723

R-NT2RP3004670//Homo sapiens GN6ST mRNA for long form of N-acetylglucosamine-6-O-sulfotransferase (GlcNAc6ST), complete cds//7.2e-57:291:95//Hs.8786:AB014680

35

R-NT2RP4000008//ESTs//8.9e-119:561:98//Hs.25035:AI123335

R-NT2RP4000023//EST//1.2e-34:271:80//Hs.98300:AA418560

40

R-NT2RP4000035//Small inducible cytokine A5 (RANTES)//2.1e-68:320:82//Hs.155464:AF088219

45 R-NT2RP4000049//Homo sapiens TRAIL receptor 2 mRNA, complete cds//6.7e-60:289:82//Hs.51233:AF016266

50 R-NT2RP4000051//ESTs, Weakly similar to protein B [H.sapiens]/8.3e-98:462:99//Hs.10114:AI345945

R-NT2RP4000078//ESTs//0.00068:367:60//Hs.106090:AA457030

55 R-NT2RP4000102//ESTs//9.7e-50:256:97//Hs.24266:R28287

R-NT2RP4000109//Homo sapiens mRNA for MEGF5, partial cds//1.1e-107:536:

96//Hs.57929:AB011538

R-NT2RP4000129//Homo sapiens mRNA for KIAA0483 protein, partial cds//3.5e-112:554:
97//Hs.64691:AB007952

R-NT2RP4000147//ESTs//3.9e-11:122:80//Hs.25584:AA632014

R-NT2RP4000150//EST//4.4e-84:510:88//Hs.144238:W52294

R-NT2RP4000151//ESTs, Weakly similar to HYPOTHETICAL 31.0 KD PROTEIN R107.2 IN CHROMOSOME III [C.elegans]//5.7e-93:515:92//Hs.8083:AA521436

R-NT2RP4000159//ESTs//0.0019:209:65//Hs.161816:AA400295

R-NT2RP4000167//ESTs//2.1e-113:549:97//Hs.109441:N66569

R-NT2RP4000185//ESTs//0.65:232:59//Hs.144445:AA807257

R-NT2RP4000210//Homo sapiens mRNA for KIAA0700 protein, partial cds//1.5e-100:505:96//Hs.13999:AB014600

R-NT2RP4000212//ESTs//8.5e-14:169:75//Hs.8520:AA081788

R-NT2RP4000214//Human mRNA for KIAA0392 gene, partial cds//6.2e-43:272:90//Hs.40100:
AB002390

R-NT2RP4000218//ESTs//6.1e-10:335:64//Hs.105658:AA978185

R-NT2RP4000243//Homo sapiens mRNA for cartilage-associated protein (CASP)/2.9e-70:
354:96//Hs.155481:AJ006470

R-NT2RP4000246//ESTs//7.1e-26:154:94//Hs.14838:AA502757

R-NT2RP4000259//Homo sapiens clone 683 unknown mRNA, complete sequence//9.3e-79:
379:99//Hs.43728:AF091092

R-NT2RP4000263

R-oooooooooooo/ESTs, Weakly similar to similar to *Achlya ambisexualis* antheridiol steroid receptor [C.elegans]//4.7e-104:525:96//Hs.152069:AA548972

R-NT2RP4000312//ESTs//8.2e-66:319:99//Hs.35091:AI271631

R-NT2RP4000321//Homo sapiens clone 24453 mRNA sequence//1.3e-109:513:99//Hs.13410:AF070524

EP 1 074 617 A2

R-NT2RP4000323//ESTs//7.7e-109:534:97//Hs.34790:AA192760

R-NT2RP4000355//ESTs//3.1e-44:320:83//Hs.141323:N80390

5

R-NT2RP4000360//Homo sapiens mRNA for KIAA0738 protein, complete cds//7.6e-111:520:99//Hs.107479:AB018281

10

R-NT2RP4000367//Homo sapiens IkappaB kinase complex associated protein (IKAP) mRNA, complete cds//2.8e-110:527:98//Hs.31323:AF044195

R-NT2RP4000370//ESTs//8.9e-32:166:98//Hs.70488:AI301130

15

R-NT2RP4000376//ESTs//6.8e-99:465:99//Hs.27182:AA604498

R-NT2RP4000381//ESTs//3.0e-50:280:93//Hs.8395:W27376

20

R-NT2RP4000415//ESTs, Weakly similar to coded for by C. elegans cDNA yk30b3.5 [C.elegans]//3.9e-87:499:91//Hs.26156:AA630975

25

R-NT2RP4000417//ESTs, Moderately similar to HYPOTHETICAL 91.2 KD PROTEIN IN RPS7A-SCH9 INTERGENIC REGION [Saccharomyces cerevisiae]//8.9e-95:468:96//Hs.93871:AI191318

30

R-NT2RP4000424//ESTs//3.7e-98:473:98//Hs.24945:AI189011

R-NT2RP4000448//ESTs//2.6e-79:446:91//Hs.25159:R60955

35

R-NT2RP4000449//ESTs//3.6e-98:468:98//Hs.31176:AI037953

R-NT2RP4000455//Homo sapiens N-methyl-D-aspartate receptor 2D subunit precursor (NMDAR2D) mRNA, complete cds//0.35:153:63//Hs.113286:U77783

40

R-nnnnnnnnnnnn//ESTs//4.5e-89:455:96//Hs.62638:AA127740

R-NT2RP4000480//ESTs//4.9e-92:431:99//Hs.121072:AI204167

45

R-nnnnnnnnnnnn

R-NT2RP4000500//ESTs, Weakly similar to HYPOTHETICAL 83.6 KD PROTEIN R05D3.2 IN CHROMOSOME III [C.elegans]//1.2e-40:125:97//Hs.56124:AI424792

50

R-NT2RP4000515//EST//6.7e-30:183:90//Hs.150710:AI122713

55

R-NT2RP4000517//Aldehyde dehydrogenase 7//7.5e-28:183:76//Hs.83155:U10868

R-NT2RP4000518//EST//0.091:178:58//Hs.133031:AI049874

EP 1 074 617 A2

R-NT2RP4000519

5 R-NT2RP4000524//ESTS, Highly similar to rsec8 [R.norvegicus]//3.4e-93:496:93//Hs.107394:
H07126

10 R-NT2RP4000528//EST//0.84:130:66//Hs.140208:AA702213

R-NT2RP4000541//EST//5.2e-63:337:94//Hs.156337:AI337328

15 R-NT2RP4000556//ESTs, Highly similar to 60S RIBOSOMAL PROTEIN L11
[R.norvegicus]//8.2e-92:448:98//Hs.25597:H93026

R-NT2RP4000588//ESTs//3.8e-94:445:98//Hs.44077:N28840

20 R-NT2RP4000614//ESTs//6.5e-18:159:83//Hs.24549:N57263

R-NT2RP4000638//ESTs//2.5e-46:296:87//Hs.132722:AA618531

25 R-NT2RP4000648//ESTs//2.6e-103:559:93//Hs.23794:W80393

R-NT2RP4000657//ESTs//1.0:189:60//Hs.87073:AA972704

30 R-NT2RP4000704//ESTs//2.8e-101:509:96//Hs.84824:AA935651

R-NT2RP4000724//ESTS//1.5e-83:442:94//Hs.142114:AA205615

35 R-NT2RP4000728//ESTs//0.84:61:75//Hs.145334:AI251399

R-NT2RP4000739//ESTs//8.8e-80:418:94//Hs.42959:N21211

40 R-NT2RP4000781//ESTs//1.4e-79:376:99//Hs.135458:AI081312

R-NT2RP4000817//Homo sapiens mRNA for KIAA0470 protein, complete cds//3.1e-106:550:
45 94//Hs.25132:AB007939

R-NT2RP4000833//ESTs//5.8e-46:309:85//Hs.163979:AA828834

50 R-NT2RP4000837//ESTs//1.7e-112:539:97//Hs.97718:AI334028

R-NT2RP4000855//ESTs//1.1e-95:486:95//Hs.5345:AA988104

55 R-NT2RP4000865//EST//6.2e-68:412:89//Hs.142196:AA258356

R-NT2RP4000878//ESTs//1.9e-80:417:95//Hs.104716:AI023185

EP 1 074 617 A2

R-NT2RP4000879//ESTs//1.8e-42:211:99//Hs.89991:AI374617

R-nnnnnnnnnnn//ESTs//1.2e-89:453:97//Hs.100182:N92594

5 R-nnnnnnnnnnn//EST//9.4e-06:197:63//Hs.145970:AI277106

10 R-NT2RP4000925//ESTs, Weakly similar to KIAA0405 [H.sapiens]//5.9e-17:134:85//Hs.14146:W92235

R-nnnnnnnnnnn//ESTs//4.3e-14:84:100//Hs.155360:AA984683

15 R-NT2RP4000928//Homo sapiens CDP-diacylglycerol synthase 2 (CDS2) mRNA, partial cds//8.2e-108:548:95//Hs.24812:AF069532

20 R-NT2RP4000929//ESTs//1.3e-119:567:98//Hs.62717:AA044905

R-NT2RP4000955//ESTs//3.5e-10:19:78//Hs.42946:N21111

R-NT2RP4000973//ESTs//2.8e-05:93:69//Hs.155126:AA563986

25 R-NT2RP4000975//ESTs//4.4e-58:324:95//Hs.126070:AA045179

R-NT2RP4000979//ESTs//3.5e-42:468:73//Hs.106210:AI193017

30 R-NT2RP4000984//Homo sapiens clone 23770 mRNA sequence//8.7e-120:570:98//Hs.12457:AF052123

35 R-NT2RP4000989//ESTs//1.3e-122:581:98//Hs.10499:AA528018

R-NT2RP4000996//ESTs//9.2e-113:579:94//Hs.23762:N26620

40 R-NT2RP4000997//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete cds//1.1e-28:439:68//Hs.129735:AF010144

45 R-NT2RP4001004//ESTs//3.6e-78:389:98//Hs.156290:AI016769

R-NT2RP4001006//ESTS, Moderately similar to ORF2: function unknown [H.sapiens]//6.6e-124:574:99//Hs.47393:AA218858

50 R-NT2RP4001010//EST//2.8e-31:194:90//Hs.161186:AI418635

R-NT2RP4001029//ESTs//4.4e-111:523:99//Hs.28423:AI336292

55 R-NT2RP4001041//ESTs, Highly similar to LEUCYL-TRNA SYNTHETASE, CYTOPLASMIC [Saccharomyces cerevisiae]//3.6e-114:569:96//Hs.6762:AA088424

EP 1 074 617 A2

R-NT2RP4001057//Homo sapiens KIAA0399 mRNA, partial cds//2.0e-51:282:94//Hs.100955:AB007859

5 R-NT2RP4001064//ESTs, Weakly similar to protein B [H.sapiens]//2.1e-103:485:99//Hs.10114:AD45945

R-NT2RP4001078

10

R-NT2RP4001079//Homo sapiens mRNA for putative Ca^{2+} -transporting ATPase, partial//1.7e-119:569:98//Hs.106778:AJ010953

15

R-NT2RP4001080//ESTs//7.6e-10:65:100//Hs.131694:AA927668

R-nnnnnnnnnnnn//Homo sapiens mRNA for KIAA0592 protein, partial cds//5.9e-121:548:95//Hs.13273:AB011164

20

R-NT2RP4001095//ESTs//1.5e-113:563:96//Hs.118732:AI344055

R-NT2RP4001100//ESTs//2.0e-46:413:79//Hs.146314:R99617

25

R-NT2RP4001117//EST//7.4e-51:294:92//Hs.7260:T23737

R-NT2RP4001122//ESTs//5.4e-109:509:99//Hs.16390:AI052357

30

R-NT2RP4001126//EST//0.97:169:61//Hs.148107:AA693476

R-NT2RP4001138//ESTs//3.0e-110:543:97//Hs.57655:AI056890

35

R-NT2RP4001143//ESTs, Highly similar to HYPOTHETICAL 52.9 KD PROTEIN IN SAP155-YMR31 INTERGENIC REGION [Saccharomyces cerevisiae]//5.4e-113:573:96//Hs.5249:U55977

40

R-NT2RP4001148//ESTs//3.1e-103:490:98//Hs.121282:AI091453

R-NT2RP4001149//EST//1.7e-50:281:93//Hs.101727:H16171

45

R-NT2RP4001150//ESTs//1.9e-90:422:100//Hs.125490:AI138884

R-NT2RP4001159

50

R-NT2RP4001174//ESTs//2.5e-110:526:98//Hs.116555:AA639278

R-nnnnnnnnnnnn//ESTs//1.1 e-25:140:97//Hs.83756:AI002822

55

R-NT2RP4001207//ESTs//4.4e-70:432:89//Hs.13109:AA192514

EP 1 074 617 A2

R-NT2RP4001210//ESTs//1.4e-108:509:99//Hs.27021:AI359495

5 R-NT2RP4001213//ESTs, Highly similar to ZINC FINGER PROTEIN 8 [Homo sapiens]//4.4e-123:624:95//Hs.22744:AI379892

R-NT2RP4001219//ESTs//0.0043:142:65//Hs.6733:AI160750

10 R-NT2RP4001228//ESTs//4.9e-101:482:98//Hs.62684:AA806103

R-NT2RP4001235//ESTs//3.7e-105:571:93//Hs.37706:AA005120

15 R-NT2RP4001256//ESTs//1.1e-12:189:74//Hs.20621:W28255

R-NT2RP4001260//EST//6.9e-05:313:61//Hs.116438:AA648430

20 R-NT2RP4001274//EST//0.0020:246:63//Hs.149955:AI289933

R-nnnnnnnnnnnn//ESTs//2.9e-34:213:91//Hs.43100:AA186588

25 R-NT2RP4001313

R-NT2RP4001315//EST//6.1e-38:217:93//Hs.97832:AA400892

30 R-NT2RP4001339//ESTs//3.8e-91:430:99//Hs.34840:AI279612

R-NT2RP4001345//ESTs//5.3e-89:443:96//Hs.6770:AA972732

35 R-NT2RP4001351//ESTs//6.0e-78:394:97//Hs.102796:N70837

R-NT2RP4001353//ESTs//4.8e-06:90:82//Hs.7778:AA195616

40 R-NT2RP4001372

R-NT2RP4001373//ESTs, Weakly similar to HYPOTHETICAL 48.8 KD PROTEIN IN TRK2-MRS4 INTERGENIC REGION [Saccharomyces cerevisiae]//1.7e-108:546:96//Hs.32271:AA203680

45 R-NT2RP4001375//ESTs//2.4e-19:155:87//Hs.62119:AA043299

50 R-NT2RP4001379//EST//4.4e-29:288:72//Hs.157848:AI362501

R-NT2RP4001389//ESTs, Highly similar to HYPOTHETICAL 51.6 KD PROTEIN IN PAP1-MRPL13 INTERGENIC REGION [Saccharomyces cerevisiae]//3.8e-79:438:93//Hs.21938:W81045

55

EP 1 074 617 A2

R-NT2RP4001407//ESTs//8.3e-112:541:97//Hs.22587:AA743132

R-NT2RP4001414//ESTs//8.6e-18:117:90//Hs.90789:W27649

5 R-NT2RP4001433//ESTs, Moderately similar to PROHIBITIN [H.sapiens]//1.6e-102:498:97//Hs.62386:AA512948

10 R-NT2RP4001442//ESTs//8.8e-104:489:99//Hs.101619:AI339433

R-NT2RP4001447

15 R-NT2RP4001474

R-NT2RP4001483//ESTs//2.1e-100:528:92//Hs.17860:AA706655

20 R-NT2RP4001498//ESTs//1.1e-97:470:98//Hs.95744:AI392846

R-NT2RP4001502//ESTs//6.7e-73:382:96//Hs.11874:N93511

25 R-NT2RP4001507//ESTs//2.6e-57:302:96//Hs.65328:AA625385

R-NT2RP4001524//ESTs, Weakly similar to F13B12.1 [C.elegans]//2.9e-107:546:96//Hs.5570:AI377863

30 R-NT2RP4001529//ESTs//3.3e-112:524:99//Hs.28423:AI336292

R-NT2RP4001547//ESTs, Weakly similar to NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 5 [Paramecium tetraurelia]//2.8e-120:566:98//Hs.108530:AA523928

35 R-NT2RP4001547//ESTs, Weakly similar to NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 5 [Paramecium tetraurelia]//2.8e-120:566:98//Hs.108530:AA523928

R-NT2RP4001547//ESTs, Weakly similar to CELL DIVISION CONTROL PROTEIN 68 [S.cerevisiae]//1.4e-26:184:88//Hs.136189:AA133224

40 R-NT2RP4001555//ESTs//1.1e-95:445:100//Hs.134403:AA677552

R-NT2RP4001567//ESTs//2.8e-106:506:98//Hs.102708:AA292285

45 R-NT2RP4001568//ESTs//6.4e-55:300:94//Hs.57442:N63437

R-NT2RP4001571//ESTs//1.3e-114:556:97//Hs.30340:AA521251

50 R-NT2RP4001574//ESTs//0.0035:120:67//Hs.96339:AA225906

R-NT2RP4001575

55 R-NT2RP4001592//ESTs, Weakly similar to ISOLEUCYL-TRNA SYNTHETASE, MITOCHONDRIAL[S.cerevisiae]//8.7e-112:557:97//Hs.7558:AA526812

EP 1 074 617 A2

- R-NT2RP4001610//ESTs//6.2e-77:382:96//Hs.21543:AA166776
- 5 R-NT2RP4001614//ESTs//2.8e-117:565:98//Hs.9591:AA069657
- R-NT2RP4001634//ESTs//2.0e-39:213:96//Hs.32360:AA534737
- 10 R-NT2RP4001638//Homo sapiens clone 23967 unknown mRNA, partial cds//1.7e-116:559:97//Hs.5332:AF007151
- 15 R-NT2RP4001644//ESTs, Moderately similar to MNK1 [H.sapiens]//5.3e-36:192:97//Hs.5662:AA868361
- R-NT2RP4001656//ESTs, Highly similar to HYPOTHETICAL 108.5 KD PROTEIN R06F6.2 IN CHROMOSOME II [Caenorhabditis elegans]//1.1e-104:525:96//Hs.20472:W28734
- 20 R-NT2RP4001677//ESTs//1.8e-106:522:97//Hs.106390:AA156805
- 25 R-NT2RP4001696//Human chromosome 8 BAC clone CIT987SK-2A8 complete sequence//5.7e-118:583:96//Hs.15562:U96629
- R-NT2RP4001725//ESTs//2.0e-11:141:74//Hs.117589:N25941
- 30 R-ntnnnnnnnnnn//ESTs, Weakly similar to UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE PRECURSOR [D.melanogaster]//3.4e-73:362:97//Hs.152332:AI141922
- 35 R-NT2RP4001739//ESTs//6.6e-59:340:91//Hs.122293:AA843692
- R-NT2RP4001753//Zinc finger protein 3 (A8-51)//5.6e-113:552:96//Hs.2481:X78926
- 40 R-NT2RP4001760//ESTs//2.5e-94:453:98//Hs.122579:AA766315
- R-NT2RP4001790//ESTs, Weakly similar to ZINC FINGER PROTEIN 84 [H.sapiens]//2.0e-62:326:94//Hs.110839:W28098
- 45 R-NT2RP4001803
- R-NT2RP4001822//ESTs//4.4e-98:526:92//Hs.96908:AI161133
- 50 R-NT2RP4001823//ESTs//1.7e-72:357:97//Hs.144900:AI218434
- R-NT2RP4001828//ESTs//3.3e-101:536:92//Hs.18851:AA857826
- 55 R-NT2RP4001838//ESTs//4.2e-58:344:90//Hs.48723:N66663

EP 1 074 617 A2

R-NT2RP4001849//EST//0.24:105:71//Hs.136747:AA749210

5 R-NT2RP4001889//Human mRNA for KIAA0118 gene, partial cds//3.4e-34:212:88//Hs.154326:D42087

R-NT2RP4001893//ESTs//3.0e-58:321:95//Hs.158787:W79602

10 R-NT2RP4001896//EST//3.8e-15:108:92//Hs.160835:AI345528

R-NT2RP4001901//ESTs//1.2e-110:536:97//Hs.31443:AI018606

15 R-NT2RP4001927//ESTs//2.1e-105:546:93//Hs.73291:AI417099

R-NT2RP4001938//ESTs//2.8e-40:235:78//Hs.163641:R61848

20 R-NT2RP4001946//ESTs//1.3e-29:175:93//Hs.43703:AA088436

R-NT2RP4001950//ESTs//4.6e-95:458:98//Hs.150890:AI341793

25 R-NT2RP4001953//Clathrin, light polypeptide (Lcb)//2.3e-62:310:82//Hs.73919:X81637

R-NT2RP4001966//ESTs, Weakly similar to tenascin-like protein [D.melanogaster]//8.3e-87:457:94//Hs.41793:AA775879

30

R-NT2RP4001975//ESTs//1.9e-52:281:94//Hs.7704:W58252

R-NT2RP4002018

35

R-NT2RP4002047//ESTs, Highly similar to GTP-BINDING PROTEIN LEPA [Pseudomonas fluorescens]//4.7e-09:90:86//Hs.41127:AA555184

40

R-NT2RP4002052//ESTs//0.054:353:60//Hs.117510:AA903738

R-NT2RP4002058//EST//7.8e-26:151:94//Hs.124617:AA855106

45

R-NT2RP4002071//ESTs//6.9e-99:475:98//Hs.29216:AA916679

R-NT2RP4002075//ESTs//0.67:121:65//Hs.153939:AI284198

50

R-NT2RP4002078//ESTs, Highly similar to ZINC FINGER PROTEIN 35 [Homo sapiens]//1.6e-61:464:82//Hs.144228:N99507

55

R-nnnnnnnnnnnn//ESTs, Weakly similar to HYPOTHETICAL 139.1 KD PROTEIN C08B11.3 IN CHROMOSOME II [C.elegans]//2.3e-56:271:100//Hs.6185:AA428565

R-NT2RP4002083//ESTs//2.0e-108:548:96//Hs.6120:W80407

EP 1 074 617 A2

R-NT2RP4002408//ESTs//2.6e-77:391:96//Hs.14014:AA745592

5 R-NT2RP4002791//ESTs//7.9e-101:527:93//Hs.22394:N32555

R-NT2RP4002888//ESTs, Highly similar to ENV POLYPROTEIN [Avian spleen necrosis virus]//1.9e-65:373:92//Hs.31532:H18272

10 R-NT2RP4002905//ESTs//1.5e-107:517:98//Hs.40460:N36090

R-OVARC1000001//Homo sapiens mRNA for KIAA0465 protein, partial cds//2.8e-115:605:94//Hs.108258:AB007934

15 R-OVARC1000004

R-OVARC1000006//ESTs//1.5e-19:139:89//Hs.143034:AI126929

20 R-OVARC1000013//ESTs//5.9e-98:531:93//Hs.16470:AA121635

R-OVARC1000014//ESTs//0.24:243:60//Hs.19569:AA464273

25 R-OVARC1000017

R-OVARC1000035//ESTs//0.035:252:63//Hs.134123:AI078286

30 R-OVARC1000058//H.sapiens mRNA for translin associated protein X//3.8e-46:331:83//Hs.96247:X95073

35 R-OVARC1000060//EST//2.8e-28:348:71//Hs.141728:W73041

R-OVARC1000068//ESTs//3.0e-83:491:90//Hs.29397:N51367

40 R-OVARC1000071//ESTs//2.5e-60:321:96//Us.25010:R6787

R-OVARC1000085//Proteasome component C5//8.6e-67:366:92//Hs.75748:AL031259

45 R-nnnnnnnnnnnnn//ESTs//1.0e-111:526:98//Hs.129020:AI380703

R-OVARC1000091//ESTS, Weakly similar to HOST CELL FACTOR CI [H.sapiens]//3.9e-112:596:94//Hs.20597:W58370

50 R-OVARC1000092//ESTs//5.1e-18:144:82//Hs.109140:AI289942

R-OVARC1000106

55 R-OVARC1000113//Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA,

EP 1 074 617 A2

complete cds//8.3e-102:495:97//Hs.3688:AF069250

5 R-OVARC1000114//H.sapiens mRNA for phosphoinositide 3-kinase//1.7e-45:489:74//Hs.101238:Y11312

R-OVARC1000133//EST//0.00028:284:61//Hs.30547:H05482

10 R-OVARC1000145//EST//3.9e-40:201:99//Hs.156148:AI333214

R-OVARC1000148//EST//0.79:150:62//Hs.100078:T05090

15 R-OVARC1000151

R-OVARC1000168//EST//1.7e-19:142:90//Hs.38441:H66023

20 R-OVARC1000191//EST//0.0072:292:63//Hs.132492:AA922629

R-OVARC1000198//Homo sapiens LIM protein mRNA, complete cds//6.1e-44:339:81//Hs.154103:AF061258

25 R-OVARC1000209//ESTs, Moderately similar to ZINC FINGER PROTEIN 93 [H.sapiens]//1.1e-32:196:92//Hs.64322:AA142864

30 R-OVARC1000212//EST//0.20:178:61//Hs.133031:AI049874

R-OVARC1000240//ESTs//9.0e-64:314:98//Hs.42300:AA204958

35 R-OVARC1000241//EST//0.00018:115:68//Hs.150728:AI123130

R-OVARC1000288//ESTs, Highly similar to HYPOTHETICAL 54.2 KD PROTEIN IN CDC12-ORC6 INTERGENIC REGION [Saccharomyces cerevisiae]//3.3e-74:403:93//Hs.108117:AI097079

40

R-OVARC1000302//EST//4.0e-14:102:90//Hs.136617:AA630476

45 R-OVARC1000304//ESTs, Highly similar to PUTATIVE GTP-BINDING PROTEIN MOV10 [Mus musculus]//2.9e-37:191:98//Hs.20725:AI027777

R-OVARC1000309//ESTs//3.6e-66:348:94//Hs.9547:AA532449

50

R-OVARC1000321//ESTs//3.6e-87:454:95//Hs.110445:AA044743

55 R-OVARC1000326//ESTs, Moderately similar to lamina associated polypeptide 1C [R.norvegicus]//1.3e-98:488:96//Hs.125749:AI377682

R-OVARC1000335//ESTs//3.0e-115:565:97//Hs.54835:AI050863

EP 1 074 617 A2

R-OVARC1000347//EST//0.0018:145:65//Hs.136945:AA765672

5 R-OVARC1000384//ESTs//2.8e-38:253:89//Hs.15093:AA203423

R-OVARC1000408//ESTs//2.6e-98:515:94//Hs.119808:C05928

10 R-OVARC1000411//ESTs//3.2e-82:395:98//Hs.104747:AA406219

R-OVARC1000414//Landsteiner-Wiener blood group glycoprotein//1.5e-27:211:79//Hs.108287:L27670

15 R-OVARC1000420//EST//2.8e-38:255:74//Hs.138525:R99237

R-OVARC1000427//EST//2.6e-58:302:96//Hs.122914:AA767034

20 R-OVARC1000431//ESTs//4.9e-108:551:96//Hs.11668:AI123426

R-OVARC1000437

25 R-OVARC1000440//ESTs//2.9e-91:456:96//Hs.93701:AI018671

R-OVARC1000442//Human high-affinity copper uptake protein (hCTR1) mRNA, complete cds//4.3e-45:320:84//Hs.73614:U83460

30 R-OVARC1000443//Homo sapiens mRNA for KIAA0683 protein, complete cds//3.6e-79:418:94//Hs.12334:AB014583

35 R-OVARC1000461//ESTs//3.1e-62:342:93//Hs.23241:R46582

R-OVARC1000465//ESTs//1.7e-67:349:95//Hs.127238:AA477576

40 R-OVARC1000466//ESTs//1.9e-66:337:95//Hs.5212:AI421211

R-OVARC1000473//ESTs//5.4e-89:320:99//Hs.29173:AA134926

45 R-OVARC1000479//ESTs, Highly similar to TIP120 [R.norvegicus]//1.1e-102:514:96//Hs.11833:AI299947

50 R-OVARC1000486//ESTs//3.9e-78:405:95//Hs.98312:AA424983

R-OVARC1000496

55 R-OVARC1000520//ESTs//1.2e-20:145:88//Hs.87456:AA434484

R-OVARC1000526//Small inducible cytokine A5 (RANTES)//8.9e-47:217:87//Hs.155464:

EP 1 074 617 A2

AF088219

5 R-OVARC1000533//ESTs, Moderately similar to integrase [H.sapiens]//8.5e-48:264:92//Hs.49860:AA702248

R-OVARC1000543//ESTs//5.7e-74:410:94//Hs.62817:AA047021

10 R-OVARC1000556//H.sapiens mRNA for ribosomal S6 kinase//9.5e-27:202:85//Hs.90859:X85106

15 R-OVARC1000557//EST//2.8e-18:169:79//Hs.149101:AI244285

R-OVARC1000564//EST//2.3e-34:199:92//Hs.146637:AI141587

20 R-OVARC1000573//Interleukin 10//4.7e-42:300:83//Hs.2180:M57627

R-OVARC1000578//Small inducible cytokine A5 (RANTES)//5.2e-58:392:84//Hs.155464:AF088219

25 R-OVARC1000588//EST//1.8e-41:174:85//Hs.163333:AA879053

R-OVARC1000605

30 R-OVARC1000622//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0501//6.4e-47:417:77//Hs.159897:AB007970

35 R-OVARC1000640//H.sapiens mRNA for translin associated protein X//1.9e-28:366:72//Hs.96247:X95073

40 R-OVARC1000661//Homo sapiens mRNA for KIAA0590 protein, complete cds//5.1e-31:162:100//Hs.111862:AB011162

R-OVARC1000678//EST//0.92:199:60//Hs.122025:AA778480

45 R-nnnnnnnnnnnn//ESTs//0.94:416:59//Hs.130754:AA279522

R-OVARC1000681//EST//9.2e-21:179:80//Hs.132635:AI032875

50 R-OVARC1000689//Homo sapiens ataxin-7 (SCA7) mRNA, complete cds//0.053:160:64//Hs.108447:AJ000517

55 R-OVARC1000700//Homo sapiens KIAA0441 mRNA, complete cds//7.1e-09:141:73//Hs.32511:AB007901

R-OVARC1000703//ESTs//1.7e-46:298:87//Hs.138856:H47461

EP 1 074 617 A2

R-OVARC1000730//ESTs, Weakly similar to C27F2.7 gene product [C.elegans]//1.7e-17:137:86//Hs.7049:AI141736

5 R-OVARC1000746//ESTs//0.16:366:60//Hs.136969:AA830918

R-OVARC1000769//ESTs, Weakly similar to eukaryotic initiation factor eIF-2 alpha kinase [D.melanogaster]//4.6e-28:430:69//Hs.42457:AA523306

10

R-OVARC1000771//ESTs//1.3e-87:461:94//Hs.22399:AA531016

R-OVARC1000781//ESTs//8.3e-119:572:97//Hs.41972:AA626793

15

R-OVARC1000787//ESTs//7.4e-18:115:93//Hs.164036:AA845659

R-OVARC1000800//MITOCHONDRIAL STRESS-70 PROTEIN PRECURSOR//4.9e-19:119:95//Hs.3069:L11066

20

R-OVARC1000802//ESTs//2.2e-41:383:78//Hs.161228:AI419764

25 R-OVARC1000834//Homo sapiens mRNA for atopy related autoantigen CALC//1.2e-106:536:95//Hs.61628:Y17711

R-OVARC1000846//Clathrin, light polypeptide (Lcb)//1.6e-66:282:87//Hs.73919:X81637

30

R-OVARC1000850//Homo sapiens PB39 mRNA, complete cds//1.2e-115:579:96//Hs.18910:AF045584

35 R-OVARC1000862//EST//4.3e-14:129:81//Hs.150663:AA923096

R-OVARC1000876//ESTs//1.0e-115:573:96//Hs.87287:AI150674

40

R-OVARC1000883//ESTs//3.5e-109:523:98//Hs.28423:AI336292

R-OVARC1000885//ESTs, Highly similar to HYPOTHETICAL OXIDOREDUCTASE IN ROCC-PTA INTERGENIC REGION [Bacillus subtilis]//7.9e-98:525:93//Hs.10366:W21953

45

R-OVARC1000886//ESTs//8.2e-79:417:94//Hs.7729:AA830777

R-OVARC1000891//ESTs//6.8e-75:401:94//Hs.5833:H15401

50

R-OVARC1000897//ESTs//3.5e-91:440:98//Hs.125264:AA873350

R-OVARC1000912

55

R-OVARC1000915//ESTs//1.0e-45:328:82//Hs.163980:AA715814

EP 1 074 617 A2

R-OVARC1000924//ESTs//1.0e-100:501:96//Hs.30204:AA497127

5 R-OVARC1000936//EST//3.0e-74:367:98//Hs.145098:AA421696

R-OVARC1000937//EST//1.1e-53:290:95 //Hs.162846:AA631215

10 R-OVARC1000945//ESTs//4.9e-51:301:89//Hs.20100:W25794

R-OVARC1000948//ESTs//3.7e-67:332:98//Hs.112570:AA621971

15 R-OVARC1000959//Small inducible cytokine A5 (RANTES)//7.2e-44:283:86//Hs.155464:AF088219

R-OVARC1000960//Homo sapiens KIAA0395 mRNA, partial cds//1.1e-41:348:80//Hs.43681:AL022394

20 R-OVARC1000971//EST//6.2e-05:126:70//Hs.160491:AI254909

R-OVARC1000984//ESTS, Weakly similar to No definition line found [C.elegans]//3.5e-68:346:96//Hs.25544:AA532784

25 R-OVARC1000996//EST//0.12:92:71//Hs.117141:AA678811

30 R-OVARC1000999//Homo sapiens KIAA0414 mRNA, partial cds//1.5e-44:513:73//Hs.127649:AB007874

R-OVARC1001000//ESTs//1.8e-22:198:80//Hs.140608:N53448

35 R-OVARC1001004//Human kpni repeat mrna (cdna clone pcd-kpni-4), 3' end//1.7e-28:181:77//Hs.139107:K00629

40 R-OVARC1001010//EST//2.1e-09:92:85//Hs.147893:AI223270

R-OVARC1001011//EST//2.4e-14:200:75//Hs.149290:AI248117

45 R-OVARC1001032//EST//2.7e-29:304:73//Hs.141733:W80630

R-OVARC1001034//Homo sapiens apoptotic protease activating factor 1 (Apaf-1) mRNA, complete cds//2.1e-09:137:74//Hs.77579:AF013263

50 R-OVARC1001038//Homo sapiens TRIAD1 type I mRNA, complete cds//4.1e-101:501:96//Hs.9899:AF099149

55 R-OVARC1001040//ESTs//2.9e-87:415:99//Hs.132812:AI032046

R-OVARC1001044//ESTs//1.1e-83:432:96//Hs.55043:N94384

EP 1 074 617 A2

- R-OVARC1001051//60S RIBOSOMAL PROTEIN L41//1.2e-16:124:88//Hs.108124:Z12962
- 5 R-OVARC1001055//ESTs//2.4e-23:238:76//Hs.141421:H99231
- R-OVARC1001062//ESTs//3.4e-92:469:96//Hs.34658:N98652
- 10 R-OVARC1001068//Homo sapiens Era GTPase A protein (HERA-A) mRNA, partial cds//7.3e-97:463:98//Hs.3426:AF082657
- R-OVARC1001072//ESTs//1.3e-34:227:89//Hs.126704:W95844
- 15 R-OVARC1001074
- R-OVARC1001085//Human T-cell leukemia virus enhancer factor//1.0:94:69//Hs.103126:U57029
- 20 R-OVARC1001092//Homo sapiens mRNA for JM5 protein, complete CDS (clone IMAGE 53337, LLNLc110F1857Q7 (RZPD Berlin) and LLNLc110G0913Q7 (RZPD Berlin))//1.4e-96:325:98//Hs.21753:AJ005897
- 25 R-OVARC1001113//Homo sapiens diaphanous 1 (HDIA1) mRNA, complete cds//3.3e-75:386:95//Hs.26584:AF051782
- 30 R-OVARC1001117//Human G protein-coupled receptor (STRL22) mRNA, complete cds//3.9e-37:283:84//Hs.46468:U45984
- 35 R-OVARC1001118//ESTs//5.3e-99:485:97//Hs.130815:AA936548
- R-OVARC1001129//ESTs//9.8e-66:351:95//Hs.18616:T99312
- 40 R-OVARC1001161//ESTs, Moderately similar to !!!! ALU SUBFAMILY SX WARNING ENTRY !!!! [H.sapiens]//2.2e-66:346:95//Hs.53263:AA173226
- R-OVARC1001162//EST//1.5e-44:376:80//Hs.161917:AA483223
- 45 R-OVARC1001167//ESTs//4.7e-110:548:96//Hs.35254:AI133727
- R-OVARC1001169//ESTs//0.22:152:68//Hs.149424:AI274200
- 50 R-OVARC1001170//Small inducible cytokine A5 (RANTES)//1.8e-42:305:84//Hs.155464:AF088219
- 55 R-OVARC1001173//EST//2.5e-35:182:84//Hs.161917:AA483223
- R-OVARC1001180//Human macrophage-derived chemokine precursor (MDC) mRNA,

EP 1 074 617 A2

complete cds//6.6e-64:247:80//Hs.97203:U83171

- 5 R-OVARC1001188//ESTs//4.1e-18:296:69//Hs.139197:AA228343
- R-OVARC1001200//ESTs//2.0e-28:207:85//Hs.35121:AA877826
- 10 R-OVARC1001232//ESTs//3.2e-61:358:91//Hs.6449:W95025
- R-OVARC1001240//ESTs//6.7e-45:316:85//Hs.121675:AA629668
- 15 R-OVARC1001243//ESTs//2.3e-86:409:99//Hs.163091:AA742361
- R-OVARC1001261//ESTs//0.63:125:64//Hs.155743:AI344166
- 20 R-OVARC1001268//ESTs//8.1e-20:113:98//Hs.109477:AA477929
- R-OVARC1001270//ESTs//1.5e-107:530:97//Hs.62905:AA460708
- 25 R-OVARC1001271//ESTs//4.5e-36:401:72//Hs.20190:AA525532
- R-OVARC1001282//EST//4.0e-91:428:99//Hs.145599:AI263113
- 30 R-OVARC1001296//ESTs//2.6e-63:301:100//Hs.125753:AA740885
- R-nnnnnnnnnnnnn//Homo sapiens mRNA for KIAA0518 protein, partial cds//3.8e-70:334:100//Hs.23763:AB011090
- 35 R-OVARC1001329//Clathrin, light polypeptide (Lcb)//1.3e-68:304:83//Hs.73919:X81637
- R-OVARC1001330//Proline arginine-rich end leucine-rich repeat protein//1.0:147:63//Hs.76494:U41344
- 40 R-OVARC1001339//Small inducible cytokine A5 (RANTES)//5.0e-48:452:76//Hs.155464:AF088219
- 45 R-OVARC1001341//ESTs, Moderately similar to !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!! [H.sapiens]//6.9e-85:464:93//Hs.23651:AA650356
- 50 R-OVARC1001342//40S RIBOSOMAL PROTEIN S8//4.9e-110:568:95//Hs.118690:X67247
- R-OVARC1001344//EST//3.6e-44:341:81//Hs.162197:AA535216
- 55 R-OVARC1001357//TUMOR-ASSOCIATED ANTIGEN L6//9.8e-44:250:93//Hs.3337:M90657
- R-OVARC1001360//ESTs//5.2e-110:534:98//Hs.24743:AA843844

EP 1 074 617 A2

R-OVARC1001369//ESTs//1.7e-98:478:97//Hs.7729:AA830777

R-OVARC1001372//ESTs//2.6e-97:456:99//Hs.153648:AI341415

5 R-OVARC1001376//Homo sapiens mRNA for KIAA0575 protein, complete cds//1.1e-53:344:72//Hs.153468:AB011147

10 R-OVARC1001381//ESTs//5.1e-19:200:66//Hs.114031:AA700958

R-OVARC1001391

15 R-nnnnnnnnnnnn//ESTs//0.003 9:48:95//Hs.117964:N20913

R-OVARC1001417//Homo sapiens EXLM1 mRNA, complete cds//3.2e-111:561:95//Hs.21586:AB006651

20 R-OVARC1001419

R-OVARC1001425//EST//5.7e-20:395:66//Hs.159707:AI393136

25 R-OVARC1001436//ESTs//9.6e-90:427:99//Hs.6982:AA622427

R-OVARC1001442//ESTs//1.1e-66:317:100//Hs.18437:AI206345

30 R-OVARC1001453//ESTs//2.0e-20:163:84//Hs.133503:AA628592

R-OVARC1001476//EST//0.23:125:66//Hs.71444:AA131700

35 R-OVARC1001480//ESTs//3.1e-56:181:97//Hs.40109:AA928694

R-OVARC1001489//ESTs//1.0:297:58//Hs.86723:AA393089

40 R-OVARC1001496//Homo sapiens C-terminal binding protein 2 mRNA, complete cds//3.0e-117:585:96//Hs.6534:AF016507

45 R-OVARC1001506//Small inducible cytokine A5 (RANTES)//1.8e-48:283:90//Hs.155464:AF088219

R-OVARC1001525//EST//0.80:170:60//Hs.157398:AI364539

50 R-OVARC1001542//Homo sapiens hJTB mRNA, complete cds//1.6e-111:566:95//Hs.6396:AB016492

55 R-OVARC1001547//ESTs//5.7e-105:564:93//Hs.68835:AA088388

R-OVARC1001577//Homo sapiens SRp46 splicing factor retropseudogene mRNA7/4.4e-20:

EP 1 074 617 A2

150:89//Hs.155160:AF031166

5 R-OVARC1001600//Human mRNA for KIAA0118 gene, partial cds//8.6e-21:282:72//Hs.154326:D42087

R-OVARC1001610//ESTs//4.6e-108:555:95//Hs.44295:N32019

10 R-OVARC1001611//ESTs//0.0021:117:71//Hs.135568:AA972965

R-OVARC1001615//Homo sapiens KIAA0409 mRNA, partial cds//9.2e-19:114:78//Hs.5158:AB007869

15

R-OVARC1001668//ESTs//1.0:127:69//Hs.153290:AI022659

R-OVARC1001702//ESTs//4.8e-44:225:97//Hs.96855:AA346854

20

R-OVARC1001703//ESTs//2.3e-89:426:99//Hs.27099:W60080

R-OVARC1001711//ESTs//1.9e-57:251:99//Hs.9732:AA527784

25

R-OVARC1001726//ESTs, Highly similar to APICAL PROTEIN [Xenopus laevis]//1.2e-27:236:81//Hs.15485:AA046954

30

R-OVARC1001731//Tropomyosin4(fibroblast)//7.9e-74:422:90//Hs.102824:X05276

R-OVARC1001745//Human mRNA for tryptophan hydroxylase (EC 1.14.16.4)//1.7e-62:300:83//Hs.144563:AF057280

35

R-nnnnnnnnnnnnn//ESTs, Weakly similar to N-TERMINAL ACETYLTRANSFERASE 1 [S.cerevisiae]//6.8e-100:540:92//Hs.117741:AA903456

40

R-OVARC1001766//Homo sapiens eukaryotic translation initiation factor eIF3, p35 subunit mRNA, complete cds//1.1e-109:567:94//Hs.155377:U97670

R-nnnnnnnnnnnnn//Homo sapiens mRNA for KIAA0675 protein, complete cds//2.0e-109:529:97//Hs.15869:AB014575

45

R-OVARC1001768//ESTs//3.5e-59:327:94//Hs.107923:H66127

50

R-OVARC1001791//ESTs//1.3e-111:565:96//Hs.6107:AA160604

R-OVARC1001795//ESTs//2.8e-97:526:93//Hs.72158:AA156978

55

R-OVARC1001802//Homo sapiens DEC-205 mRNA, complete cds//4.8e-36:276:81//Hs.153563:AF011333

EP 1 074 617 A2

- R-OVARC1001805//ESTs//4.1e-78:375:98//Hs.126902:AI374688
- R-OVARC1001812//EST//4.8e-45:349:80//Hs.162677:AA604831
- 5 R-OVARC1001813//Homo sapiens mRNA for KIAA0538 protein, partial cds//2.1e-15:519:63//Hs.25639:AB011110
- 10 R-OVARC1001820//ESTs//9.5e-50:314:80//Hs.140491:W52705
- R-OVARC1001828//ESTs//0.11:186:63//Hs.29055:AI374621
- 15 R-OVARC1001846//ESTs//0.34:134:66//Hs.152992:AI242160
- R-OVARC1001861//ESTs//2.3e-19:120:92//Hs.42225:N31809
- 20 R-OVARC1001873//Homo sapiens clones 24718 and 24825 mRNA sequence/1.9e-105:571:91//Hs.25300:AF070611
- R-OVARC1001879//EST//1.3e-24:185:85//Hs.136617:AA630476
- 25 R-OVARC1001880//Homo sapiens mRNA for KIAA0575 protein, complete cds//2.2e-49:302:90//Hs.153468:AB011147
- 30 R-OVARC1001883//ESTs//1.0e-51:295:93//Hs.164059:AA447310
- R-OVARC1001900//Homo sapiens tumorous imaginal discs protein Tid56 homolog (TID1) mRNA, complete cds//1.6e-87:346:90//Hs.6216:AF061749
- 35 R-OVARC1001901//ESTs//6.8e-24:132:98//Hs.130797:AA904435
- R-OVARC1001911//ESTs//1.1e-88:491:92//Hs.32343:W73855
- 40 R-OVARC1001916//ESTs//7.9e-97:491:95//Hs.24989:H97842
- R-OVARC1001928
- 45 R-OVARC1001942//ESTs, Weakly similar to N-TERMINAL ACETYLTRANSFERASE 1 [S.cerevisiae]//2.5e-39:253:88//Hs.117741:AA903456
- 50 R-OVARC1001943//ESTs//9.3e-13:78:100//Hs.143680:W38637
- R-OVARC1001949//ESTs, Highly similar to ZINC FINGER PROTEIN 8 [Homo sapiens]//8.3e-96:498:94//Hs.22744:AI379892
- 55 R-OVARC1001950//EST//1.3e-35:236:81//Hs.132635:AI032875

EP 1 074 617 A2

R-OVARC1001987//ESTs//5.6e-94:514:92//Hs.21148:AI183729

R-OVARC1001989//ESTs//9.7e-46:228:99//Hs.127046:AA935887

5 R-OVARC1002044//ESTs//3.4e-45:303:85//Hs.132722:AA618531

R-OVARC1002050//Homo sapiens mRNA for KIAA0465 protein, partial cds//4.4e-109:542:
10 96//Hs.108258:AB007934

R-OVARC1002066//ESTs//8.5e-97:455:99//Hs.135477:AI088556

15 R-OVARC1002082//Homo sapiens mRNA for KIAA0772 protein, complete cds//8.1e-47:340:
82//Hs.15519:AB018315

R-OVARC1002107//ESTs//5.9e-103:498:98//Hs.157207:AA629860

20 R-OVARC1002127//ESTs//3.0e-87:419:98//Hs.127833:AI347130

R-OVARC1002138//ESTs, Weakly similar to HYPOTHETICAL 54.7 KD PROTEIN C07A9.1 IN
25 CHROMOSOME III [Caenorhabditis elegans]//1.7e-102:485:98//Hs.137516:AA805691

R-OVARC1002143//ESTs//1.3e-79:428:92//Hs.158126:W26825

30 R-OVARC1002156//ESTs//1.6e-38:198:98//Hs.22957:AA478923

R-OVARC1002158//ESTs//7.3e-81:412:96//Hs.12211:AA908631

35 R-OVARC1002165//ESTs//1.8e-09:154:72//Hs.49354:AA424160

R-OVARC1002182//ESTs//4.3e-80:465:91//Hs.77067:AA040478

40 R-PLACE1000004//ESTs, Weakly similar to TEICHOIC ACID BIOSYNTHESIS PROTEIN A
[Bacillus subtilis]//7.5e-32:164:99//Hs.144194:AA706337

R-PLACE1000005//EST//0.37:212:60//Hs.127020:AA934920

45 R-PLACE1000007//Homo sapiens clone 24422 mRNA sequence//3.8e-16:100:
97//Hs.109268:AF070557

50 R-PLACE1000014//EST//9.6e-44:344:77//Hs.161917:AA483223

R-PLACE1000031//ESTs//2.2e-32:374:70//Hs.117969:H94870

55 R-PLACE1000040//ESTs//0.00017:316:59//Hs.23342:AI310440

R-PLACE1000048//Human Line-1 repeat mRNA with 2 open reading frames//4.8e-79:519:

EP 1 074 617 A2

86//Hs.23094:M19503

R-PLACE100005011ESTs//9.7e-90:453:96//Hs.27410:N25612

5

R-PLACE1000061//Ribosomal protein L37a//5.5e-22:126:97//Hs.1946:L06499

R-PLACE1000066//ESTs, Weakly similar to coded for by C. elegans cDNA yk10c10.3
[C.elegans]//1.4e-61:331:94//Hs.30026:AI356771

10

R-PLACE1000078//ESTs//2.6e-30:212:85//Hs.89312:AA167659

15

R-PLACE1000081

R-PLACE1000094

20

R-PLACE1000133//ESTs//4.4e-87:448:94//Hs.93748:AA884505

R-PLACE1000142//ESTs, Weakly similar to enoyl-CoA hydratase [H.sapiens]//5.5e-103:538:
94//Hs.9670:AA632135

25

R-PLACE1000184//Homo sapiens estrogen-related receptor gamma mRNA, complete
cds//4.1e-114:594:94//Hs.151017:AF058291

30

R-PLACE1000185//ESTs, Weakly similar to No definition line found [C.elegans]//2.0e-19:114:
95//Hs.7036:W22072

R-PLACE1000213//ESTs//9.4e-99:494:96//Hs.24398:AI262946

35

R-PLACE1000214//ESTs//5.3e-98:466:98//Hs.28661:AA805916

R-PLACE1000236//Human BENE mRNA, partial cds//1.7e-19:162:84//Hs.85889:U17077

40

R-PLACE1000246//EST//0.026:134:66//Hs.135611:Z21545

R-PLACE1000292//ESTs//2.5e-80:418:96//Hs.138233:N57912

45

R-PLACE1000332//EST//1.7e-82:422:96//Hs.118637:T61940

R-PLACE1000347//ESTs//8.5e-36:180:100//Hs.6377:AA632424

50

R-PLACE1000374//ESTs//2.8e-90:434:98//Hs.161785:AI423126

R-PLACE1000380//ESTs//1.0e-81:399:97//Hs.47105:AI334994

55

R-PLACE1000383//ESTs//3.7e-75:405:94//Hs.23200:AA203708

EP 1 074 617 A2

R-PLACE1000401//ESTs//1.4e-16:212:72//Hs.151665:AA020959

R-PLACE1000406//ESTs//2.1e-51:259:97//Hs.129651:N53089

5 R-PLACE1000420//ESTs//7.7e-92:471:95//Hs.144407:AA737799

R-PLACE1000421//ESTs//2.9e-14:282:67//Hs.142068:AA176125

10 R-PLACE1000424//EST//2.9e-35:453:70//Hs.162404:AA573131

R-PLACE1000435//Homo sapiens protein phosphatase with EF-hands-2 long form (PPEF-2)
15 mRNA, complete cds//1.6e-47:472:77//Hs.113259:AF023456

R-PLACE1000444//ESTs, Moderately similar to platelet glycoprotein IIb precursor
[H.sapiens]//2.0e-58:410:81//Hs.97579:AA398118

20 R-PLACE1000453//ESTs//2.3e-85:442:95//Hs.9725:AA039793

R-PLACE1000481//ESTS, Weakly similar to Ndr protein kinase [H.sapiens]//3.2e-109:549:
25 95//Hs.19074:U69566

R-PLACE1000492//ESTs, Highly similar to vacuolar protein sorting homolog r-vps33b
[R.norvegicus]//3.5e-83:435:94//Hs.26510:AA700425

30 R-PLACE1000540//ESTs//3.2e-58:281:99//Hs.118270:AA844729

R-PLACE1000547//Homo sapiens mRNA for KIAA0640 protein, partial cds//2.2e-32:208:
35 88//Hs.153026:AB014540

R-PLACE1000562//ESTs, Weakly similar to HYPOTHETICAL 23.0 KD PROTEIN IN IXR1-TFA1
INTERGENIC REGION [Saccharomyces cerevisiae]//1.9e-26:220:81//Hs.163791:W25348

40 R-PLACE1000564//ESTs//1.1e-54:302:92//Hs.158520:AI380485

R-PLACE1000583//Human mRNA for KIAA0355 gene, complete cds//5.5e-43:404:
45 75//Hs.153014:AB002353

R-nnnnnnnnnnnn//Guanylate binding protein 1, interferon-inducible, 67kD//6.1e-79:542:
50 82//Hs.62661:M55542

R-PLACE1000596//ESTs//0.0028:364:59//Hs.106090:AA457030

R-PLACE1000599//Human mRNA for KIAA0118 gene, partial cds//4.3e-49:295:
55 90//Hs.154326:D42087

R-PLACE1000610//ESTs//0.0010:104:74//Hs.17413:N45301

EP 1 074 617 A2

R-PLACE1000636//ESTs//1.8e-64:340:95//Hs.100895:AA479308

5 R-PLACE1000653//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA,
complete cds//5.3e-101:506:96//Hs.5819:AF102265

10 R-PLACE1000656//Homo sapiens mRNA for JM4 protein, complete CDS (clone IMAGE
546750 and LLNLc110F1857Q7 (RZPD Berlin))//1.4e-102:559:92//Hs.29595:AJ005896

15 R-PLACE1000706//Homo sapiens transcription intermediary factor 1 (TIF1) mRNA, complete
cds//2.8e-10:281:64//Hs.128763:AF009353

R-PLACE1000712//ESTs//7.8e-60:317:95//Hs.8245:AA115485

R-PLACE1000716

20

R-PLACE1000748//ESTs//8.9e-87:466:93//Hs.25245:AA176701

R-PLACE1000749//EST//0.019:186:61//Hs.135443:AI077396

25

R-PLACE1000755//ESTs, Weakly similar to HYPOTHETICAL HELICASE . K12H4.8 IN
CHROMOSOME III [C.elegans]//3.9e-40:224:94//Hs.87889:AA262008

30 R-PLACE1000769//Homo sapiens clone 24566 mRNA sequence//6.5e-27:531:
66//Hs.133342:AF070536

35 R-PLACE1000785//Homo sapiens mRNA for KIAA0648 protein, partial cds//8.5e-103:513:
96//Hs.31921:AB014548

R-PLACE1000786//ESTs//5.2e-93:449:97//Hs.58389:W74482

40

R-nnnnnnnnnnnn//H.sapiens mRNA for chemokine HCC-1//0.88:201:60//Hs.20144:
AF088219

R-PLACE1000798//ESTs//1.1e-97:508:94//Hs.139119:N32189

45

R-PLACE1000841//ESTs, Highly similar to guanine nucleotide regulatory protein
[H.sapiens]//7.7e-31:220:86//Hs.117576:R33135

50

R-nnnnnnnnnnnn//ESTs//1.8e-87:459:94//Hs.43100:AA186588

R-PLACE1000856//ESTs//0.0084:224:59//Hs.145906:AI275039

55

R-PLACE1000863//ESTs, Highly similar to PUTATIVE 40S RIBOSOMAL PROTEIN YHR148W
[Saccharomyces cerevisiae]//2.2e-92:467:95//Hs.6118.-AI141558

EP 1 074 617 A2

R-PLACE1000909//ESTs//4.7e-89:435:97//Hs.95744:AI392846

5 R-PLACE1000931//EST//1.9e-28:261:73//Hs.135545:AI097091

R-PLACE1000948//ESTs//0.034:329:58//Hs.114851:AA608697

10 R-PLACE1000972//EST//3.3e-24:264:74//Hs.130321:AI002941

R-PLACE1000977//EST//0.085:153:65//Hs.131646:AI025689

15 R-PLACE1000979

R-PLACE1001000//ESTs//4.7e-56:284:96//Hs.117978:AA810725

20 R-PLACE1001007//ESTs, Moderately similar to MNK1 [H.sapiens]//5.2e-63:343:93//Hs.5662:AA868361

R-PLACE1001010//EST//0.96:53:71//Hs.96973:AA351146

25 R-PLACE1001015//Oxytocin receptor//2.8e-25:308:71//Hs.2820:X64878

R-PLACE1001024//ESTs//5.0e-12:79:96//Hs.97910:AA404736

30 R-PLACE1001036//ESTs//4.0e-15:301:65//Hs.137947:AI025762

R-PLACE1001062//ESTs//5.2e-15:199:73//Hs.138982:AA056120

35 R-PLACE1001076//ESTs//3.9e-84:406:98//Hs.115455:AA678124

R-PLACE1001088//ESTs//3.0e-106:518:97//Hs.158964:AA639580

40 R-PLACE1001092//Homo sapiens SEC63 (SEC63) mRNA, complete cds//0.035:259:59//Hs.31575:AF100141

45 R-PLACE1001104//ESTs//6.1e-115:582:95//Hs.10972:AA164268

R-PLACE1001118//ESTs//6.9e-81:440:93//Hs.5383:AA913610

50 R-PLACE1001136//ESTs//7.4e-41:168:83//Hs.95115:AA206594

R-PLACE1001168//ESTs//3.9e-21:116:99//Hs.5897:AA148834

55 R-PLACE1001171//ESTs, Highly similar to CYTOCHROME B-245 LIGHT CHAIN [H.sapiens]//0.91:77:71//Hs.115211:AA287527

R-PLACE1001185//ESTs//1.5e-65:330:96//Hs.26368:AA789297

EP 1 074 617 A2

- 5 R-PLACE1001238//ESTs, Moderately similar to RNA polymerase I associated factor
[M.musculus]//1.9e-99:512:94//Hs.24884:AA176812
- R-PLACE1001241//ESTs//1.1e-81:446:93//Hs.42278:AI073464
- 10 R-PLACE1001257//EST//6.4e-46:298:87//Hs.162404:AA573131
- R-PLACE1001272//ESTs//0.31:158:61//Hs.42960:N95371
- 15 R-PLACE1001279//ESTs//1.8e-77:376:97//Hs.29276:AA427780
- R-PLACE1001280//ESTs//1.1e-30:134:89//Hs.163492:AI334460
- 20 R-PLACE1001294//ESTs, Moderately similar to GAMETOGENESIS EXPRESSED PROTEIN
GEG-154 [M.musculus]//2.7e-22:181:84//Hs.48320:AA149548
- R-PLACE1001304//ESTs, Weakly similar to ZINC FINGER PROTEIN 135 [H.sapiens]//4.2e-
34:195:92//Hs.86276:W27601
- 25 R-PLACE1001311//ESTs//9.1e-91:438:97//Hs.41055:AI339056
- R-PLACE1001323//Human transmembrane 4 superfamily protein (SAS) mRNA, complete
30 cds//5.5e-44:215:86//Hs.50984:U01160
- R-PLACE1001351//ESTs//2.4e-101:494:97//Hs.23944:AI097077
- 35 R-PLACE1001366//Small inducible cytokine A5 (RANTES)//8.7e-43:284:85//Hs.155464:
AF088219
- R-PLACE1001377//Homo sapiens ADAM10 (ADAM10) mRNA, complete cds//2.3e-81:431:
40 93//Hs.152005:AF009615
- R-PLACE1001383//Homo sapiens clone 24538 mRNA sequence/1.0e-36:192:97//Hs.12342:
45 AF055030
- R-PLACE1001384//Homo sapiens multi PDZ domain protein MUPP1 (MUPP1) mRNA,
complete cds//1.0e-86:456:94//Hs.21301:AF093419
- 50 R-PLACE1001387//ESTs//6.0e-74:383:94//Hs.55016:AI298280
- R-PLACE1001395//ESTs//2.3e-94:473:95//Hs.22394:N32555
- 55 R-PLACE1001399//ESTs//2.6e-41:204:100//Hs.24462:N36348
- R-PLACE1001412//Homo sapiens clone 643 unknown mRNA, complete sequence//2.6e-45:

EP 1 074 617 A2

242:95//Hs.110404:AF091087

- 5 R-PLACE1001414//ESTs//0.0013:77:75//Hs.144614:AA291800
- R-PLACE1001440
- 10 R-PLACE1001456//EST//0.76:120:62//Hs.34011:H48115.
- R-PLACE1001468//ESTs//4.0e-80:403:96//Hs.131832:AI017547
- 15 R-PLACE1001484//ESTs//3.0e-16:201:72//Hs.153413:AI248625
- R-PLACE1001502//ESTs//8.1e-31:161:99//Hs.126264:AA455617
- 20 R-PLACE1001503//ESTs//2.4e-37:176:81//Hs.141581:AA315361
- R-PLACE1001517//Homo sapiens hGAAl mRNA, complete cds//2.1e-57:339:90//Hs.4742:AB006969
- 25 R-PLACE1001534//ESTs//3.6e-61:304:97//Hs.45207:AI042153
- R-PLACE1001545//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!!
[H.sapiens]//1.6e-22:170:85//Hs.155456:AA707265
- 30 R-PLACE1001551//ESTs//1.5e-39:202:98// Hs.139269:AA894431
- R-PLACE1001570//EST//1.1e-70:495:82//Hs.144234:W52249
- 35 R-PLACE1001602//EST//0.33:297:57//Hs.149839:AI287601
- R-PLACE1001603//ESTs//2.0e-17:181:76//Hs.155334:AA827904
- 40 R-PLACE1001610//EST//1.1e-86:442:95//Hs.112580:AA608683
- R-PLACE1001611//Homo sapiens histone macroH2A1.2 mRNA, complete cds//1.1e-42:217:97//Hs.75258:AF054174
- 45 R-PLACE1001632//ESTs,*Highly similar to ZINC FINGER PROTEIN 91 [Homo sapiens]//1.5e-78:458:91//Hs.114547:AA167095
- 50 R-PLACE1001634//ESTs//0.0035:40:97//Hs.101577:AI168526
- R-PLACE1001640//ESTs//0.0028:377:57//Hs.131044:D61640
- 55 R-PLACE10016727//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!!
[H.sapiens]//0.98:141:62//Hs.153060:AA195804

EP 1 074 617 A2

- 5 R-PLACE1001691//Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA, complete cds//4.7e-113:545:97//Hs.3688:AF069250
- R-PLACE1001692//EST//3.0e-43:430:75//Hs.162975:AA679124
- 10 R-PLACE1001705//ESTs//3.0e-81:418:94//Hs.22646:AI374903
- R-PLACE1001716//EST//0.76:150:62//Hs.128906:AA983667
- 15 R-PLACE1001720//ESTs//2.4e-64:385:90//Hs.60455:AA010993
- R-PLACE1001729//ESTs//2.9e-84:418:96//Hs.134740:AA282171
- 20 R-PLACE1001739//ESTs, Weakly similar to P68 PROTEIN [H.sapiens]//9.1e-32:206:89//Hs.6366:AA614113
- R-PLACE1001740//EST//6.5e-05:113:68//Hs.139949:AA644266
- 25 R-PLACE1001745//ESTs//3.3e-92:473:95//Hs.104270:AA236479
- R-PLACE1001746//ESTs//8.8e-93:443:98//Hs.112198:AI423937
- 30 R-PLACE1001748//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds//4.1e-93:540:89//Hs.4812:AF061243
- 35 R-PLACE1001756//ESTs//0.17:157:66//Hs.141565:N64662
- R-PLACE1001761
- 40 R-PLACE1001771//ESTs//0.92:165:62//Hs.473 87:N51980
- R-PLACE1001781//ESTs//5.7e-84:437:95//Hs.23363:AA081236
- 45 R-PLACE1001799//EST//0.00039:126:65//Hs.123267:AA807352
- R-PLACE1001817//Homo sapiens ATP-specific succinyl-CoA synthetase beta subunit (SCS) mRNA; partial cds//1.3e-93:463:95//Hs.40820:AF058953
- 50 R-PLACE1001821//Small inducible cytokine A5 (RANTES)//2.7e-35:328:75//Hs.155464:AF088219
- 55 R-PLACE1001845
- R-PLACE1001869//EST//1.0:207:62//Hs.137298:W32868

EP 1 074 617 A2

R-PLACE1001897//ESTs//2.4e-23:219:80//Hs.7503:H50009

R-PLACE1001912//ESTs//1.5e-32:162:78//Hs.136810:AA789098

5

R-PLACE1001920//Homo sapiens TNF-induced protein GG2-1 mRNA, complete cds//3.9e-74:363:97//Hs.17839:AF099936

10

R-PLACE1001928//Homo sapiens mRNA for KIAA0623 protein, complete cds//0.85:130:66//Hs.151406:AB014523

R-PLACE1001983//ESTs//2.8e-66:334:96//Hs.110155:AA007313

15

R-PLACE1001989//ESTs//1.3e-88:453:95//Hs.132717:AA171941

R-PLACE1002046

20

R-PLACE1002052//ESTs//1.7e-79:428:94//Hs.6737:N32595

R-PLACE1002066//ESTs//2.8e-82:427:94//Hs.132972:AA543094

25

R-PLACE1002072//ESTs//0.27:108:66//Hs.123163:AA809619

R-PLACE1002073//EST//5.5e-70:369:95//Hs.132339:AI028552

30

R-PLACE1002090//ESTs//6.3e-73:361:96//Hs.134469:AA731632

R-PLACE1002115//ESTs//4.6e-34:233:88//Hs.163443:R23311

35

R-PLACE1002119//ESTs//1.2e-88:444:96//Hs.15725:AA521293

R-PLACE1002140//ESTs//6.6e-22:118:100//Hs.22793:W91937

40

R-PLACE1002150//ESTs//4.0e-96:465:98//Hs.7312:AI167614

R-PLACE1002157//EST, Weakly similar to LINE-1 REVERSE TRANSCRIPTASE
HOMOLOG[H.sapiens]//3.6e-39:400:76//Hs.162172:AA534189

45

R-PLACE1002163//ESTs//3.2e-83:428:95//Hs.137011:AI185965

50

R-PLACE1002171//ESTs//5.3e-68:392:90//Hs.62273:AA143745

R-PLACE1002205//ESTs//1.5e-39:211:95//Hs.28338:N48793

55

R-PLACE1002213//ESTs//5.1e-38:290:83//Hs.146811:AA410788

R-PLACE1002227//EST//1.3e-14:214:72//Hs.46979:N49892

EP 1 074 617 A2

- R-PLACE1002256//ESTs//2.4e-100:484:98//Hs.9343:AI004257
- 5 R-PLACE1002259//Human Line-1 repeat mRNA with 2 open reading frames//5.8e-67:501:81//Hs.23094:M19503
- R-PLACE1002319//ESTs//1.4e-28:17 8:92//Hs.7353:AA209308
- 10 R-PLACE1002342//Homo sapiens mRNA for KIAA0728 protein, partial cds//1.6e-95:501:93//Hs.18277:AB018271
- 15 R-PLACE1002395//ESTs//3.6e-25:248:77//Hs.3853:AA034291
- R-PLACE1002399//ESTs//1.5e-27:238:78//Hs.13014:W26381
- 20 R-PLACE1002433//ESTs//4.3e-108:511:98//Hs.98324:AA621959
- R-PLACE1002437//EST//1.2e-06:158:61//Hs.159833:T24110
- 25 R-PLACE1002438//Sjogren syndrome antigen B (autoantigen La)//0.93:176:60//Hs.83715:X69804
- R-PLACE1002450//ESTs//1.5e-89:432:98//Hs.47371:AA136333
- 30 R-PLACE1002465//ESTs//1.6e-92:488:93//Hs.78110:AA741320
- R-PLACE1002474//Human matrilin-2 precursor mRNA, partial cds//4.9e-23:166:85//Hs.19368:U69263
- 35 R-PLACE1002477//ESTs//2.5e-62:305:98//Hs.88605:AA421132
- 40 R-PLACE1002493//Homo sapiens signal transducing adaptor molecule 2A (STAM2) mRNA, complete cds//3.6e-55:307:91//Hs.17200:AF042273
- R-PLACE1002499//ESTs//7.4e-72:373:96//Hs.128221:AA972429
- 45 R-PLACE1002500//Homo sapiens KIAA0409 mRNA, partial cds//1.2e-40:296:83//Hs.5158:AB007869
- 50 R-PLACE1002514//ESTs, Weakly similar to !!!! ALU SUBFAMILY SB1 WARNING ENTRY !!!! [H.sapiens]//6.4e-14:217:69//Hs.152230:AI140609
- R-PLACE1002529//Homo sapiens mRNA for KIAA0713 protein, partial cds//5.1e-88:582:85//Hs.88756:AB018256
- 55 R-PLACE1002532//Homo sapiens BAC clone RG300E22 from 7q21-q31.1//2.7e-19:116:

EP 1 074 617 A2

93//Hs.99348:AC004774

R-PLACE1002537//ESTs//4.8e-93:440:99//Hs.164005:AA766491

5

R-PLACE1002571//ESTs, Highly similar to ACTIN-LIKE PROTEIN 13E [Drosophila melanogaster]//1.3e-108:555:95//Hs.23259:AA532437

10

R-PLACE1002578//EST//1.9e-40:337:81//Hs.162404:AA573131

R-PLACE1002583//EST//1.2e-07:264:65//Hs.156414:AI339738

15

R-PLACE1002591//ESTs//2.3e-67:372:94//Hs.143046:N73778

R-PLACE1002598//ESTs, Highly similar to PROTEIN HI1715 [Haemophilus influenzae]//1.2e-44:228:97//Hs.7527:AA843208

20

R-PLACE1002604//ESTs//3.3e-106:532:96//Hs.86828:AA632147

R-PLACE1002625//EST//3.8e-13:173:74//Hs.138597:H77749

25

R-PLACE1002665//Small inducible cytokine A4 (homologous to mouse Mip-1b)//1.0:189:58//Hs.75703:J04130

30

R-PLACE1002685//Homo sapiens B cell linker protein BLNK mRNA, alternatively spliced, complete cds//3.8e-79:390:97//Hs.124903:AF068180

R-PLACE1002714//ESTs//8.2e-63:340:93//Hs.7973:H19830

35

R-PLACE1002722//ESTs, Weakly similar to putative G-protein-coupled receptor [H.sapiens]//6.8e-75:445:90//Hs.29202:R71586

40

R-PLACE1002768//ESTs//1.2e-70:359:95//Hs.132600:H12865

R-PLACE1002772//ESTs//8.1e-49:362:82//Hs.141254:AI334099

45

R-PLACE1002782//ESTs//2.4e-58:284:98//Hs.143545:AI149014

R-PLACE1002794//ESTs//5.4e-21:114:100//Hs.77365:W93593

50

R-PLACE1002811//ESTs//6.7e-68:329:98//Hs.78026:AA456955

R-PLACE1002815//ESTs//6.8e-103:537:93//Hs.5459:AI304392

55

R-PLACE1002816//ESTs//3.9e-05:118:68//Hs.98641:AA429916

R-PLACE1002834//ESTs, Highly similar to ZINC FINGER PROTEIN 91 [Homo sapiens]//2.1e-

EP 1 074 617 A2

42:233:94//Hs.61518:AA167094

- 5 R-PLACE1002839//ESTs//1.7e-10:292:64//Hs.93012:R96142
- R-PLACE1002851//ESTs//1.7e-73:381:95//Hs.135021:AI096756
- 10 R-PLACE1002853//ESTs//1.2e-89:453:96//Hs.23630:N57539
- R-PLACE1002881//ESTs//1.1e-71:360:96//Hs.34392:AI066762
- 15 R-PLACE1002908//EST//2.7e-31:177:94//Hs.147925:AI249332
- R-PLACE1002941//ESTs//4.0e-96:519:92//Hs.125139:AA523995
- 20 R-PLACE1002962
- R-PLACE1002968//ESTs//4.7e-31:420:69//Hs.116518:AA653202
- R-PLACE1002991//ESTs//9.0e-81:418:95//Hs.132717:AA171941
- 25 R-PLACE10029937//ESTs, Weakly similar to !!!! ALU SUBFAMILY SB WARNING ENTRY !!!!
[H.sapiens]//1.3e-86:502:89//Hs.32232:AA604268
- 30 R-PLACE1002996//ESTs//1.9e-44:218:100//Hs.63657:AI144268
- R-PLACE1003025//ESTs//8.4e-104:517:96//Hs.10711:AI151499
- 35 R-PLACE1003027//Human mRNA for KIAA0238 gene, partial cds//0.97:156r60//Hs.82042:
D87075
- 40 R-PLACE1003044//Human onconeural ventral antigen-1 (Nova-1) mRNA, complete cds//1.0:
200:63//Hs.214:U04840
- R-PLACE1003092//ESTs//0.0046:267:60//Hs.133095:AA927777
- 45 R-PLACE1003100//ESTs, Highly similar to NODULATION PROTEIN G [Rhizobium
melloti]//9.5e-94:491:93//Hs.6318:AI131178
- 50 R-PLACE1003108//ESTs//0.00065:184:66//Hs.154366:AA527359
- R-PLACE1003136//Signal recognition particle 54 kD protein//0.057:317:59//Hs.49346:
U51920
- 55 R-PLACE1003145//ESTs//1.9e-98:534:92//Hs.61929:AA044757
- R-PLACE1003153//ESTs//5.8e-76:367:98//Hs.105196:AA483467

EP 1 074 617 A2

R-PLACE1003174//ESTs//1.7e-44:226:98//Hs.59688:AA453924

5 R-PLACE1003176

R-PLACE1003190//ESTs//1.6e-74:356:99//Hs.121282:AI091453

10 R-PLACE1003200//ESTs//4.6e-93:461:96//Hs.24321:AA971017

R-PLACE1003205//ESTs//0.037:171:61//Hs.157077:H44802

15 R-PLACE100323 8//ESTs, Weakly similar to KIAA0001 [H.sapiens]//2.5e-82:436:94//Hs.58561:W79123

R-PLACE1003249//Human high-affinity copper uptake protein (hCTR1) mRNA, complete cds//7.9e-44:313:84//Hs.73614:U83460

20 R-PLACE1003256//EST//9.6e-46:284:88//Hs.162404:AA573131

25 R-PLACE1003258//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//8.3e-102:551:92//Hs.52431:AA625326

R-PLACE1003296//ESTs//1.9e-88:451:96//Hs.57749:W92986

30 R-PLACE1003302//ESTs, Highly similar to ZINC FINGER PROTEIN 43 [Homo sapiens]//8.2e-93:458:96//Hs.29147:AA883993

35 R-PLACE1003334//ESTs, Weakly similar to !!!! ALU CLASS B WARNING ENTRY !!!! [H.sapiens]//3.3e-94:463:97//Hs.155050:AA908765

R-PLACE1003342//ESTs//6.0e-88:447:96//Hs.107527:R66438

40 R-PLACE1003343//EST//0.0087:412:58//Hs.159963:AA977701

R-PLACE1003353//Homo sapiens breast cancer antiestrogen resistance 3 protein (BCAR3) mRNA, complete cds//1.1e-99:469:98//Hs.6564:U92715

45 R-PLACE1003361//ESTs//3.5e-64:332:95//Hs.163861:AI199636

50 R-PLACE1003366//ESTs//1.0e-87:492:92//Hs.72222:AA158234

R-PLACE1003369//ESTs, Weakly similar to ZK1058.4 [C.elegans]//3.5e-18:109:95//Hs.27670:AI051591

55 R-PLACE1003373//Homo sapiens mRNA for KIAA0472 protein, partial cds//2.6e-54:279:80//Hs.6874:AB007941

EP 1 074 617 A2

R-PLACE1003375//ESTs//1.7e-88:431:97//Hs.41327:AI039909

5 R-PLACE1003383//ESTs//0.00084:177:64//Hs.120695:AI377755

R-PLACE1003401//ESTs//1.1e-16:147:80//Hs.132187:AI039020

10 R-PLACE1003420//ESTs//1.4e-93:481:94//Hs.122565:AI126840

R-PLACE1003454//ESTs//4.0e-57:310:93//Hs.121688:AA743697

15 R-PLACE1003478//EST//1.0:162:63//Hs.147003:AI184671

R-PLACE1003493//ESTs//1.2e-73:383:95//Hs.28852:R64270

20 R-PLACE1003516//ESTs//3.2e-23:206:80//Hs.138632:H97952

R-PLACE1003519//H.sapiens hnRNP-E1 mRNA//1.7e-22:236:79//Hs.2853:Z29505

25 R-PLACE1003521//ESTs//5.8e-74:371:96//Hs.30818:AA194980

R-PLACE1003528//ESTs//1.1e-40:219:82//Hs.138856:H47461

30 R-PLACE1003537//ESTs, Weakly similar to multispinning membrane protein [H.sapiens]//7.4e-69:338:98//Hs.110439:N93209

R-PLACE1003553//ESTs//2.2e-87:438:97//Hs.132022:AI040321

35 R-PLACE1003566//ESTs//1.2e-62:298:92//Hs.30799:AI052591

R-PLACE1003575//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487//2.4e-22:145:80//Hs.92381:AB007956

40 R-PLACE1003583//ESTs, Weakly similar to hypothetical L1 protein [H.sapiens]//1.5e-14:264:65//Hs.158253:R86178

45 R-PLACE1003584

R-PLACE1003592//ESTs//1.3e-15:213:69//Hs.139507:T77542

50 R-PLACE1003593//ESTs, Highly similar to FRG1 gene product [H.sapiens]//5.8e-75:459:89//Hs.23884:AD77106

55 R-PLACE1003596//ESTs//0.011:273:61//Hs.71719:AA142875

R-PLACE1003602//Homo sapiens mRNA expressed in placenta//7.8e-97:576:88//Hs.56851: